

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF110036.D
 Acq On : 20 Oct 2018 7:24
 Operator : JU/SJ
 Sample : PB113996BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BS

Manual Integrations
 APPROVED

Sohil
 10/22/2018 2:55:57 PM

Quant Time: Oct 22 02:09:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	203782	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	800300	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	345878	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	549648	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	347321	20.00	ng	-0.01
87) Perylene-d12	15.67	264	290455	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	840922	65.41	ng	0.00
7) Phenol-d6	6.59	99	1042105	65.28	ng	-0.01
23) Nitrobenzene-d5	7.53	82	928887	78.19	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	204314	68.23	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1621527	74.81	ng	-0.01
79) Terphenyl-d14	13.09	244	1195773	72.30	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.96	88	151222	20.711	ng	90
3) Pyridine	3.70	79	444197	27.287	ng	87
4) n-Nitrosodimethylamine	3.66	42	208928	31.462	ng	# 99
6) Aniline	6.63	93	435875	20.261	ng	# 54
8) 2-Chlorophenol	6.75	128	453543	31.495	ng	97
9) Benzaldehyde	6.52	77	262965	25.349	ng	96
10) Phenol	6.60	94	533548	30.957	ng	# 63
11) bis(2-Chloroethyl)ether	6.70	93	422078	29.289	ng	92
12) 1,3-Dichlorobenzene	6.91	146	472216	29.905	ng	97
13) 1,4-Dichlorobenzene	6.99	146	474615	29.845	ng	97
14) 1,2-Dichlorobenzene	7.14	146	443332	30.274	ng	100
15) Benzyl Alcohol	7.10	79	384103	31.275	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	683368	28.891	ng	68
17) 2-Methylphenol	7.22	107	366571	31.568	ng	# 79
18) Hexachloroethane	7.48	117	168887	30.052	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	300447	29.312	ng	94
20) 3+4-Methylphenols	7.36	107	456322	30.968	ng	92
22) Acetophenone	7.37	105	593876	31.998	ng	96
24) Nitrobenzene	7.55	77	447915	34.706	ng	96
25) Isophorone	7.79	82	822434	35.232	ng	97
26) 2-Nitrophenol	7.87	139	212007	39.619	ng	90
27) 2,4-Dimethylphenol	7.90	122	407849	36.273	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	521545	32.555	ng	99
29) 2,4-Dichlorophenol	8.10	162	353950	32.450	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	386611	31.656	ng	96
31) Naphthalene	8.27	128	1240556	33.804	ng	99
32) Benzoic acid	8.00	122	199811	28.521	ng	97
33) 4-Chloroaniline	8.32	127	211686	12.832	ng	99
34) Hexachlorobutadiene	8.39	225	212231	31.514	ng	100
35) Caprolactam	8.69	113	124740m	32.201	ng	
36) 4-Chloro-3-methylphenol	8.80	107	372556	32.377	ng	93
37) 2-Methylnaphthalene	8.97	142	838161	35.271	ng	98
38) 1-Methylnaphthalene	9.07	142	794858	34.519	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	351072	32.954	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	236502	45.995	ng	98
43) 2,4,6-Trichlorophenol	9.24	196	233800	35.097	ng	96
44) 2,4,5-Trichlorophenol	9.28	196	237562	34.361	ng	96
46) 1,1'-Biphenyl	9.43	154	995738	32.312	ng	99
47) 2-Chloronaphthalene	9.46	162	743503	32.755	ng	99
48) 2-Nitroaniline	9.55	65	232678	39.943	ng	96
49) Acenaphthylene	9.87	152	1142246	34.639	ng	98
50) Dimethylphthalate	9.73	163	862440	35.214	ng	99
51) 2,6-Dinitrotoluene	9.79	165	184385	39.638	ng	96
52) Acenaphthene	10.05	154	707971	33.722	ng	97
53) 3-Nitroaniline	9.96	138	148554	26.253	ng	90
54) 2,4-Dinitrophenol	10.06	184	39865	32.815	ng	95
55) Dibenzofuran	10.22	168	992592	33.152	ng	96
56) 4-Nitrophenol	10.12	139	356276	82.517	ng	90
57) 2,4-Dinitrotoluene	10.20	165	232990	40.448	ng	# 87
58) Fluorene	10.56	166	760842	34.908	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	182034	33.222	ng	95
60) Diethylphthalate	10.43	149	817868	33.811	ng	98
61) 4-Chlorophenyl-phenylether	10.55	204	368584	32.465	ng	99
62) 4-Nitroaniline	10.58	138	164131	30.642	ng	86
63) Azobenzene	10.72	77	788305	31.195	ng	95
65) 4,6-Dinitro-2-methylphenol	10.60	198	34444	22.354	ng	98
66) n-Nitrosodiphenylamine	10.67	169	676482	36.953	ng	97
67) 4-Bromophenyl-phenylether	11.05	248	214814	36.062	ng	97
68) Hexachlorobenzene	11.11	284	216599	34.099	ng	# 94
69) Atrazine	11.19	200	217495	38.035	ng	99
70) Pentachlorophenol	11.30	266	172933	47.838	ng	98
71) Phenanthrene	11.53	178	1024295	35.996	ng	100
72) Anthracene	11.58	178	1049075	36.670	ng	99
73) Carbazole	11.73	167	857681	30.505	ng	100
74) Di-n-butylphthalate	12.06	149	1170405	37.300	ng	99
75) Fluoranthene	12.72	202	885552	31.152	ng	99
77) Benzidine	12.84	184	461491	34.655	ng	98
78) Pyrene	12.95	202	863682	33.857	ng	99
80) Butylbenzylphthalate	13.56	149	397215	38.515	ng	99
81) Benzo(a)anthracene	14.14	228	722027	35.293	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	205075	28.593	ng	97
83) Chrysene	14.17	228	676996	34.766	ng	98
84) Bis(2-ethylhexyl)phthalate	14.11	149	546352	40.260	ng	96
85) Di-n-octyl phthalate	14.73	149	866349	45.282	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	518567	33.075	ng	# 95
88) Benzo(b)fluoranthene	15.22	252	665484	39.741	ng	97
89) Benzo(k)fluoranthene	15.24	252	587749	35.610	ng	# 97
90) Benzo(a)pyrene	15.60	252	566916	36.810	ng	97
91) Dibenzo(a,h)anthracene	17.24	278	430261	31.524	ng	97
92) Benzo(g,h,i)perylene	17.70	276	411362	29.830	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

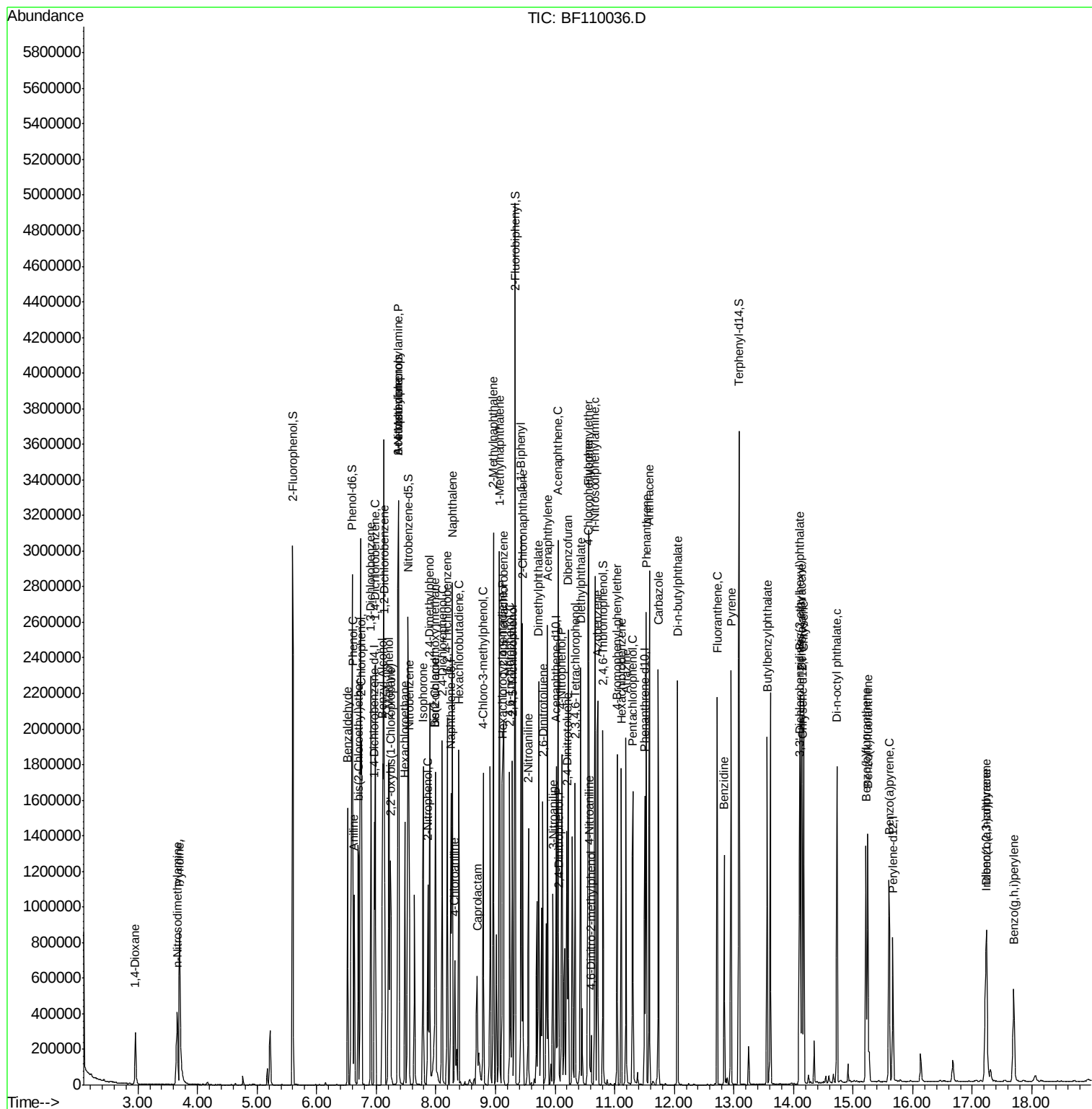
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
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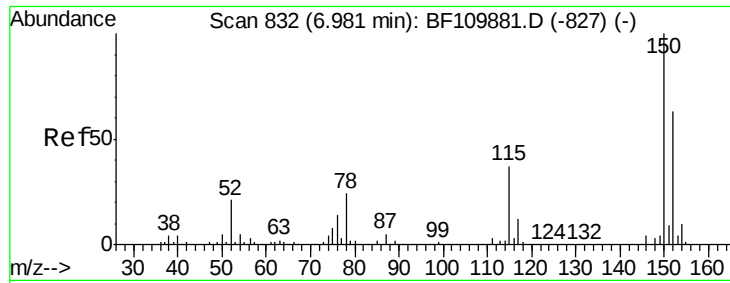
Instrument :
BNA_F
ClientSampled :
PB113996BS

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#1

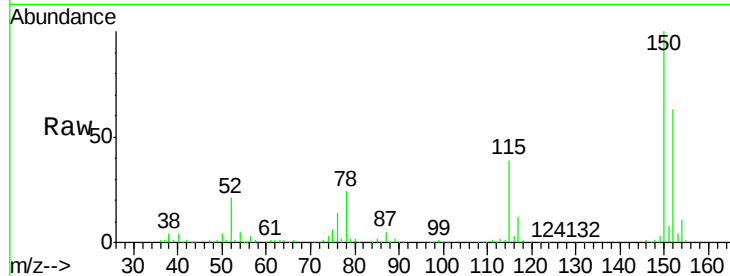
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

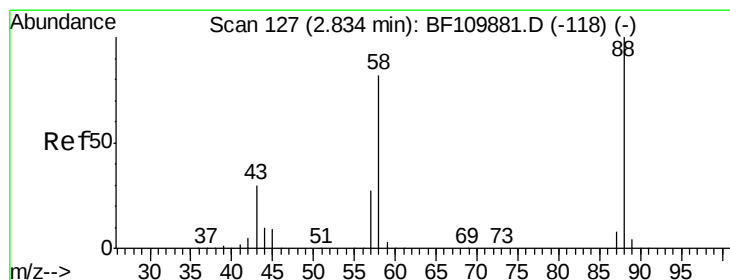
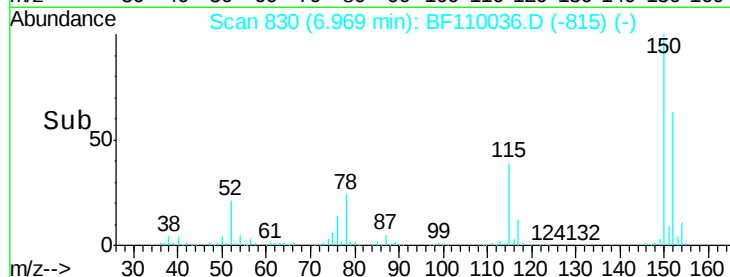
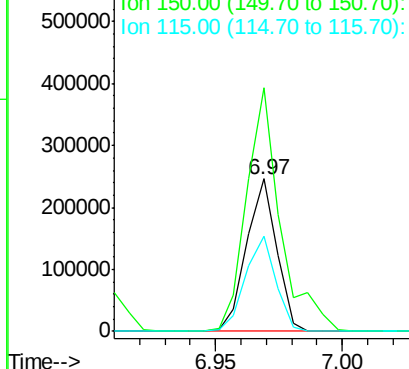
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.5	122.7	184.1
115	62.6	49.1	73.7

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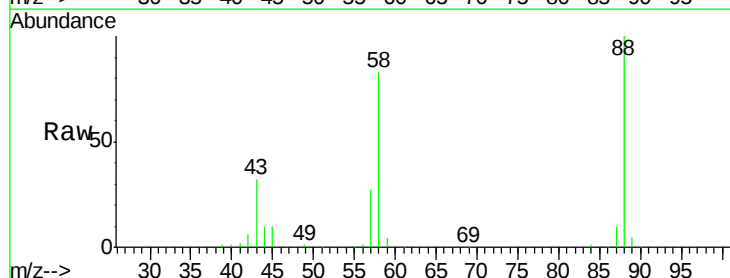
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



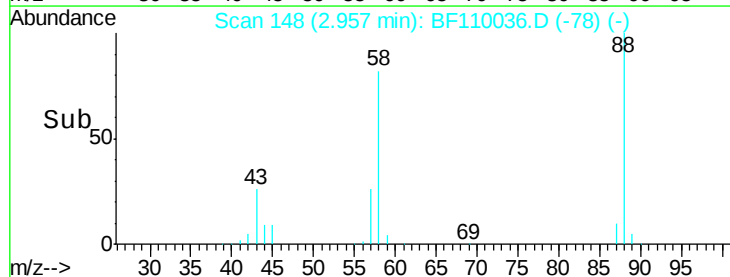
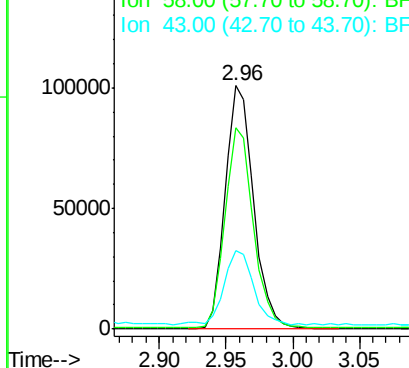
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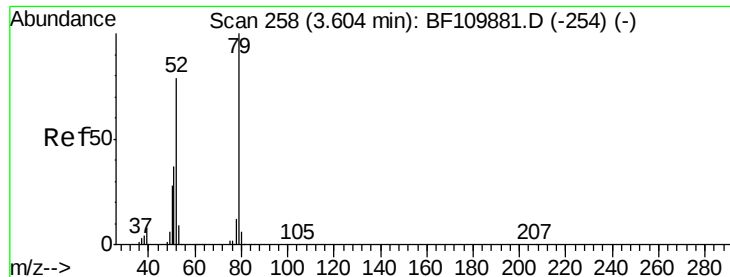
1,4-Dioxane
Concen: 20.711 ng
RT: 2.96 min Scan# 148
Delta R.T. 0.11 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.3	57.1	85.7
43	31.9	24.1	36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 27.287 ng

RT: 3.70 min Scan# 274

Delta R.T. 0.08 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

Instrument :

BNA_F

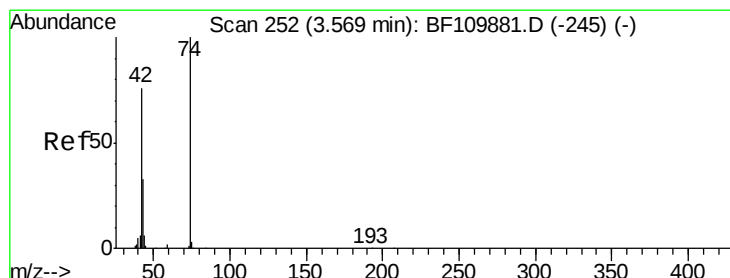
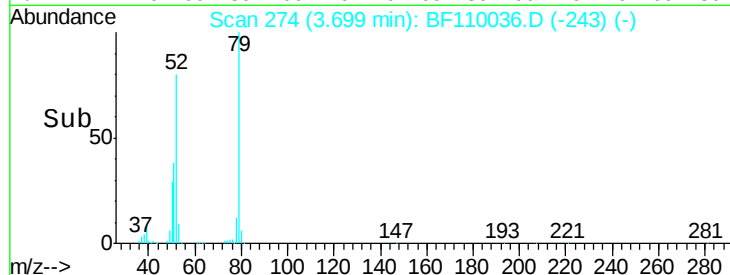
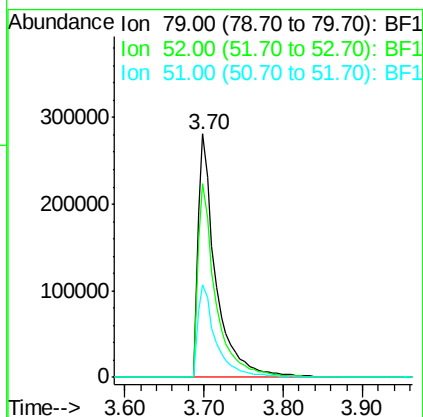
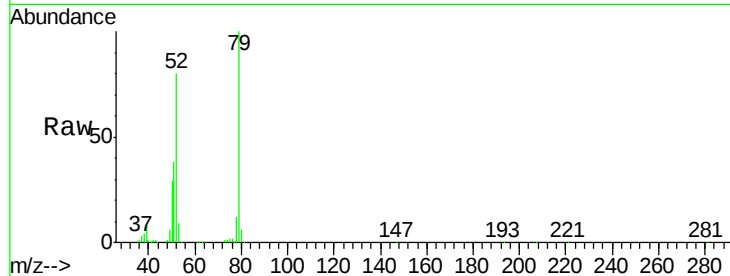
ClientSampleId :

PB113996BS

Tgt Ion:	79	Resp:	444197
Ion Ratio	Lower	Upper	
79	100		
52	79.5	53.1	79.7
51	38.1	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 31.462 ng

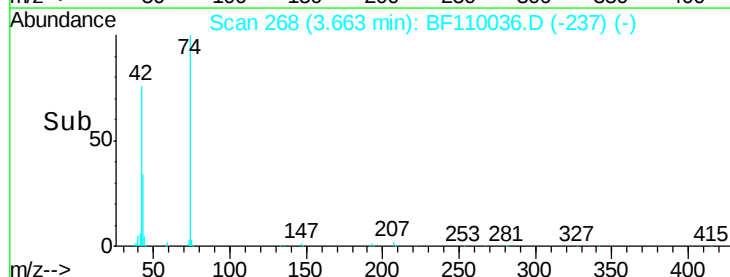
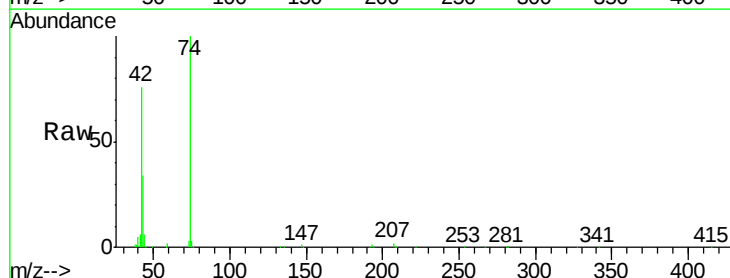
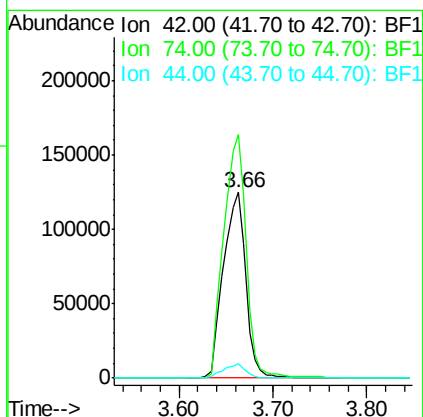
RT: 3.66 min Scan# 268

Delta R.T. 0.08 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

Tgt Ion:	42	Resp:	208928
Ion Ratio	Lower	Upper	
42	100		
74	131.3	105.5	158.3
44	7.5	4.9	7.3#





#5

2-Fluorophenol

Concen: 65.412 ng

RT: 5.60 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

Instrument :

BNA_F

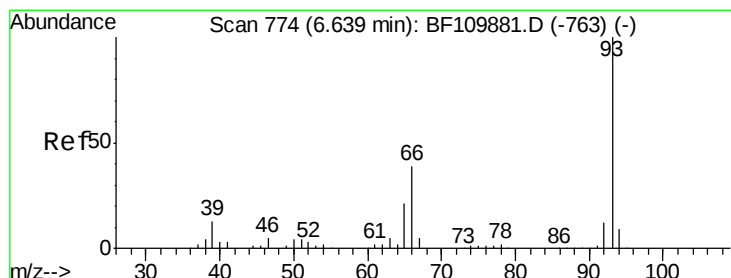
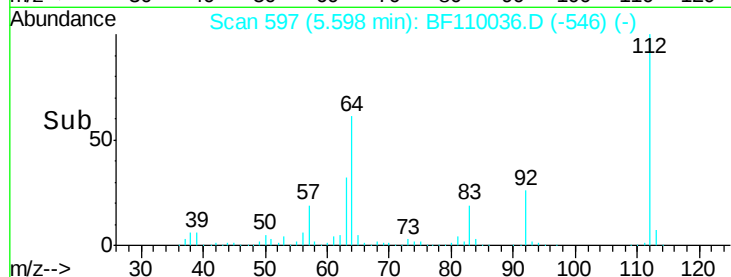
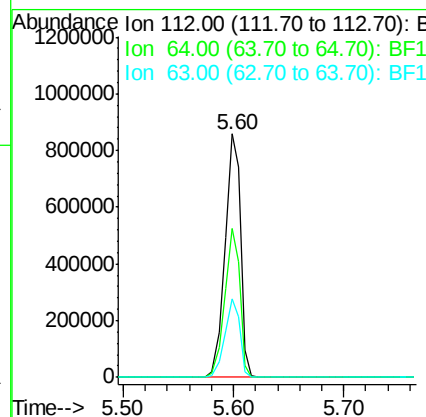
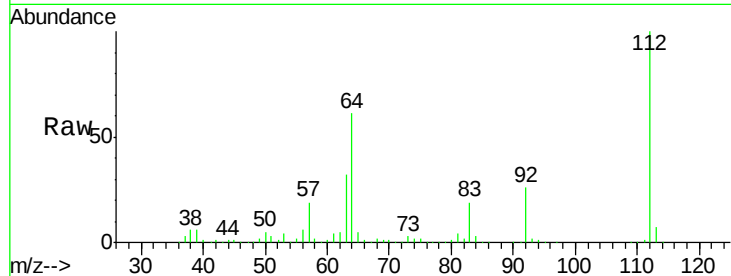
ClientSampled :

PB113996BS

Tgt Ion:	112	Resp:	840922
Ion Ratio	Lower	Upper	
112	100		
64	61.0	44.1	66.1
63	32.4	23.7	35.5

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#6

Aniline

Concen: 20.261 ng

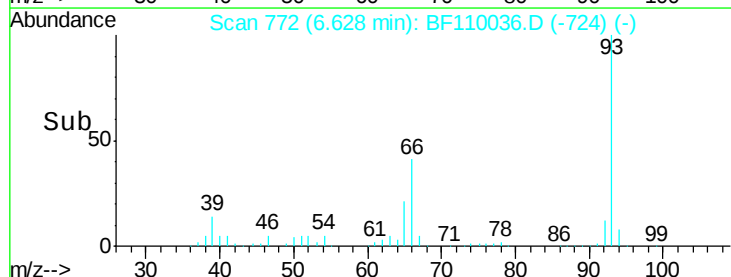
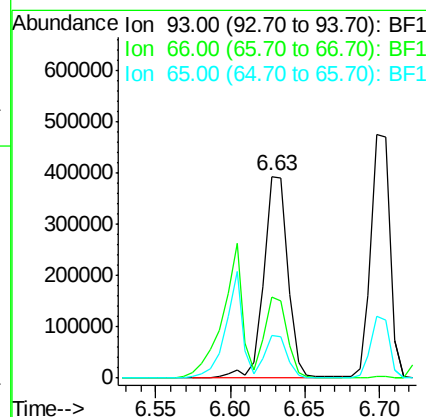
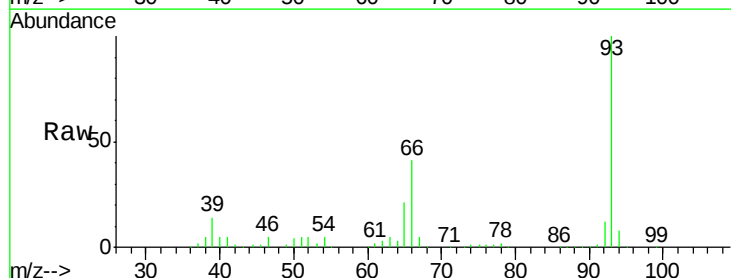
RT: 6.63 min Scan# 772

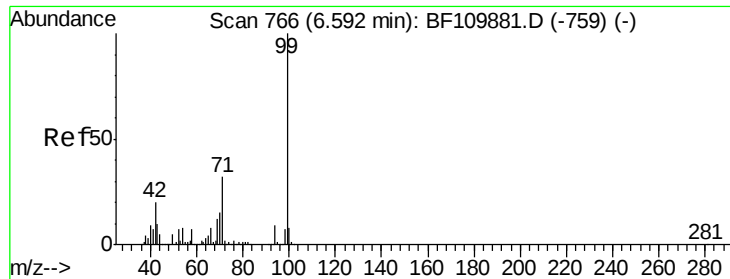
Delta R.T. -0.02 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

Tgt Ion:	93	Resp:	435875
Ion Ratio	Lower	Upper	
93	100		
66	40.5	67.4	101.0#
65	21.3	41.0	61.4#





#7

Phenol-d6

Concen: 65.280 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

Instrument :

BNA_F

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PB113996BS

Tgt Ion: 99 Resp: 1042105

Ion Ratio Lower Upper

99 100

42 18.5 15.8 23.6

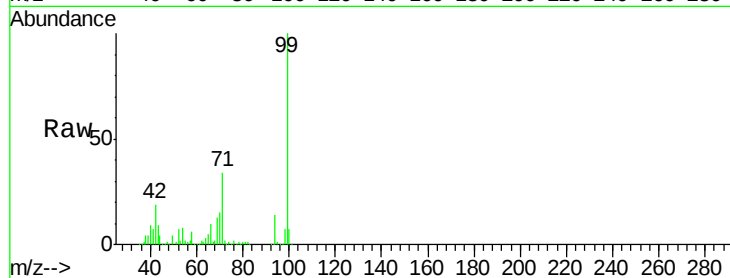
71 33.8 28.0 42.0

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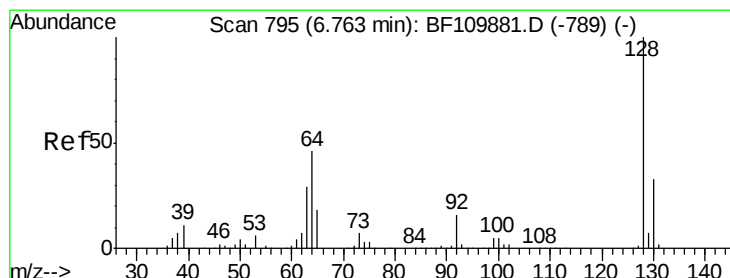
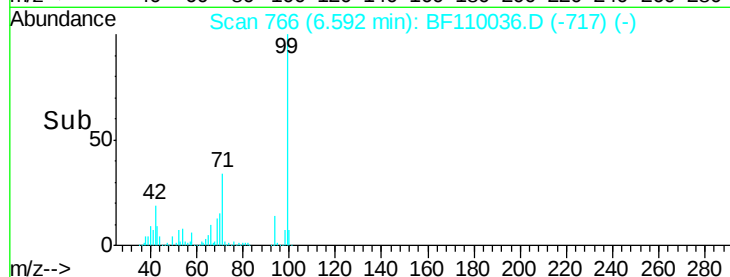
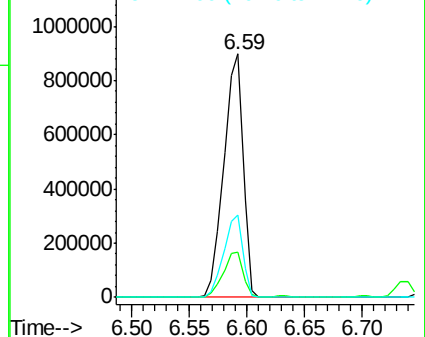
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 31.495 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

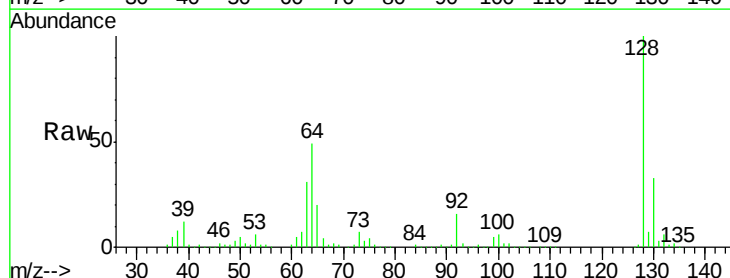
Tgt Ion: 128 Resp: 453543

Ion Ratio Lower Upper

128 100

130 32.8 13.1 53.1

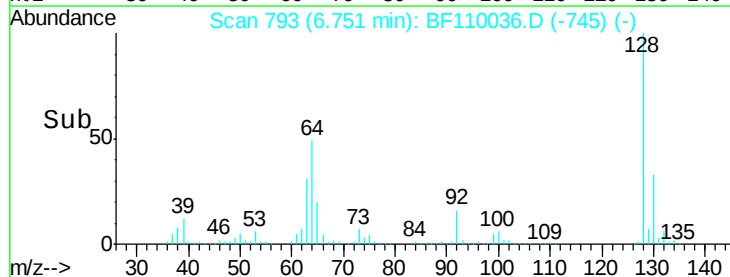
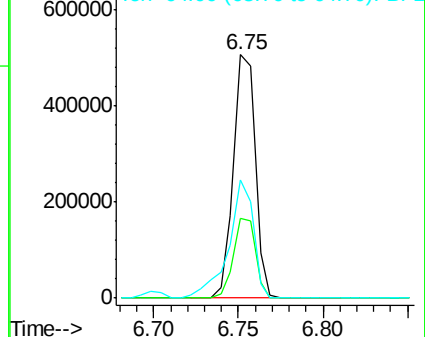
64 48.8 26.0 66.0

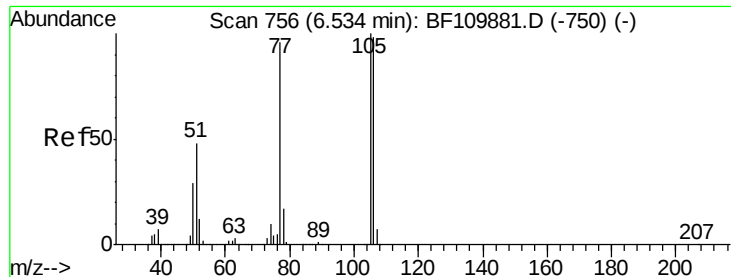


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.349 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110036.D

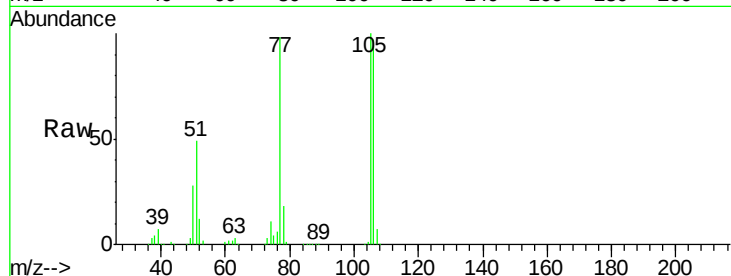
Acq: 20 Oct 2018 7:24

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BNA_F

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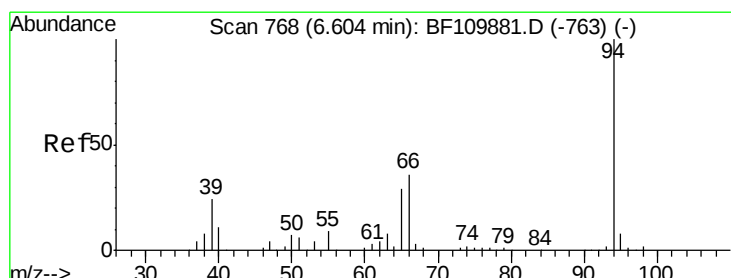
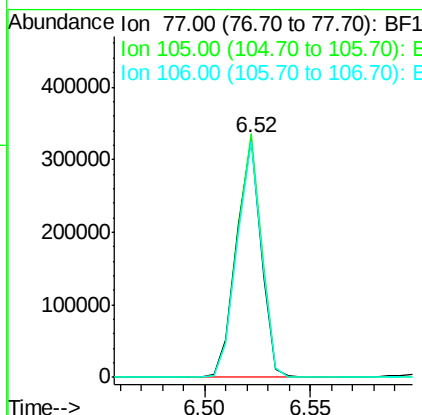
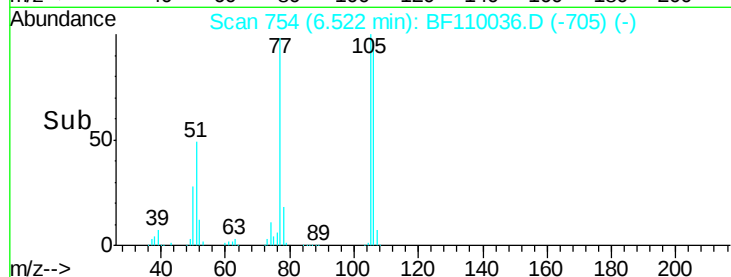
PB113996BS



Tgt Ion:	77	Resp:	262965
Ion	Ratio	Lower	Upper
77	100		
105	102.0	78.6	118.6
106	98.6	74.8	114.8

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#10

Phenol

Concen: 30.957 ng

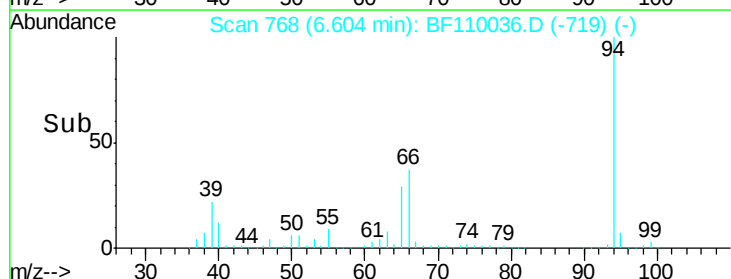
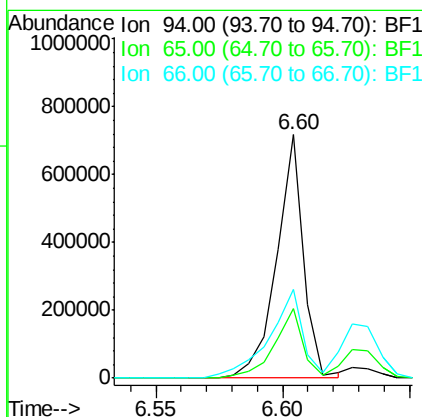
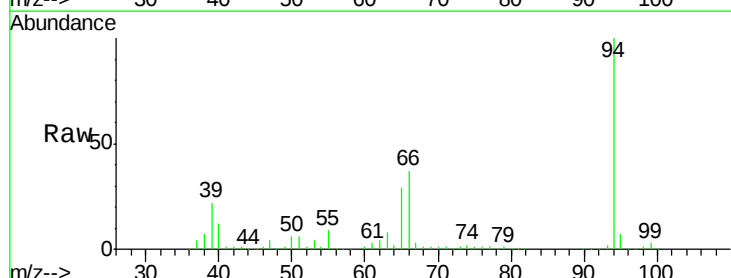
RT: 6.60 min Scan# 768

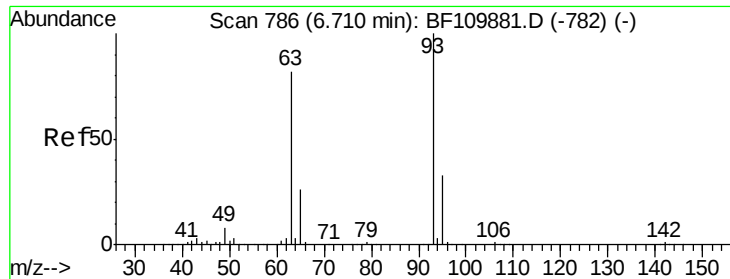
Delta R.T. -0.01 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

Tgt Ion:	94	Resp:	533548
Ion	Ratio	Lower	Upper
94	100		
65	28.8	25.3	65.3
66	36.6	54.5	94.5#





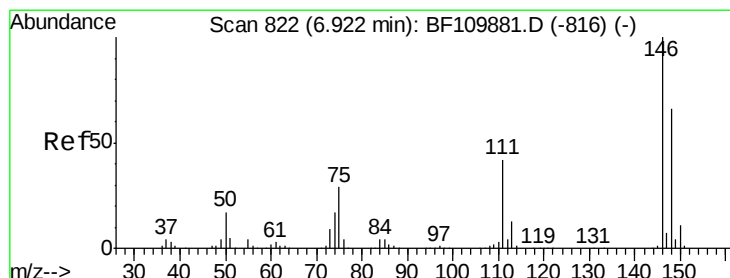
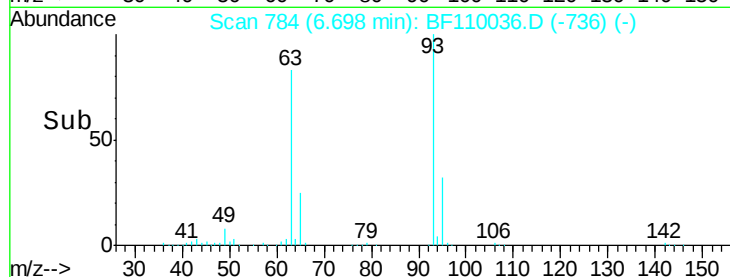
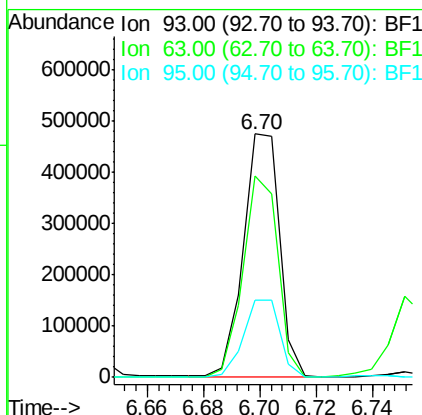
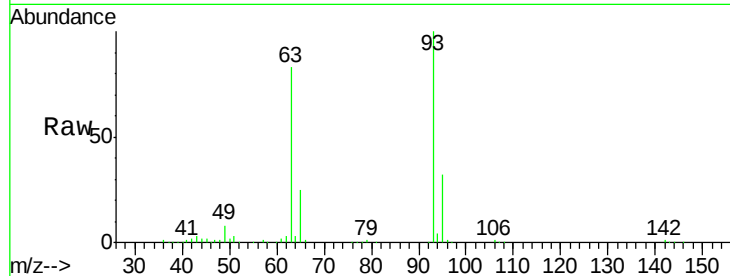
#11
bis(2-Chloroethyl)ether
Concen: 29.289 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	82.9	53.4	93.4
95	32.0	12.1	52.1

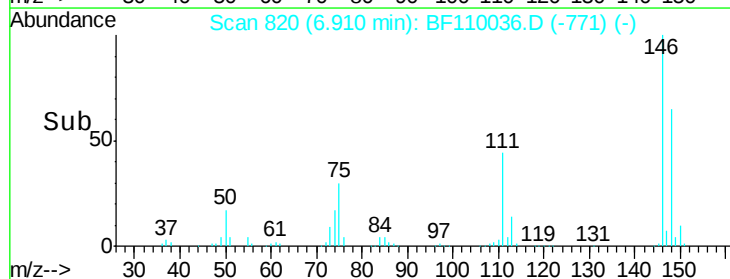
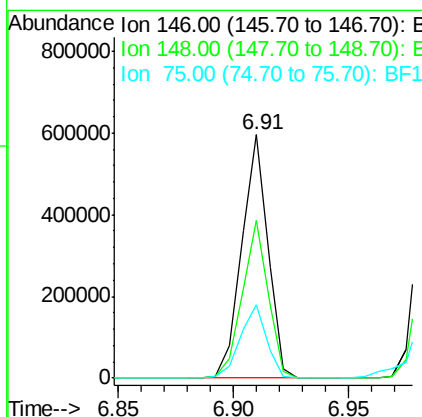
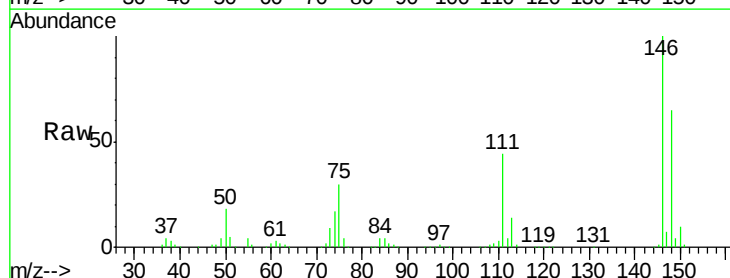
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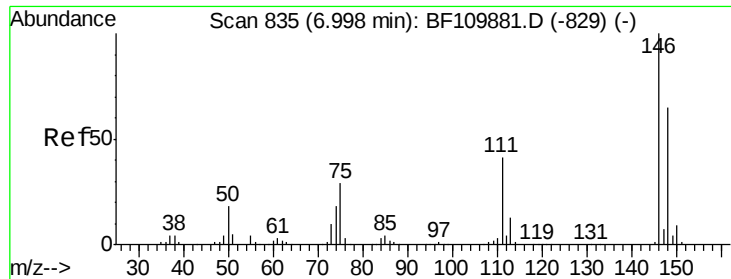
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#12
1,3-Dichlorobenzene
Concen: 29.905 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.4	75.6
75	30.3	25.8	38.6





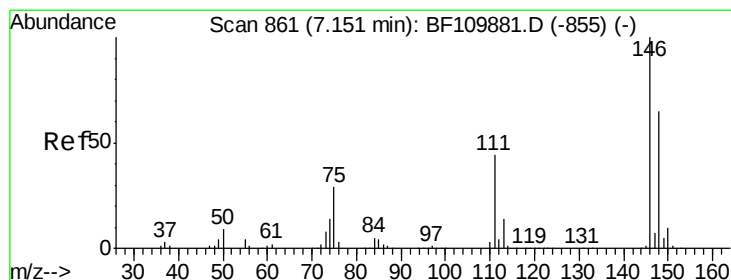
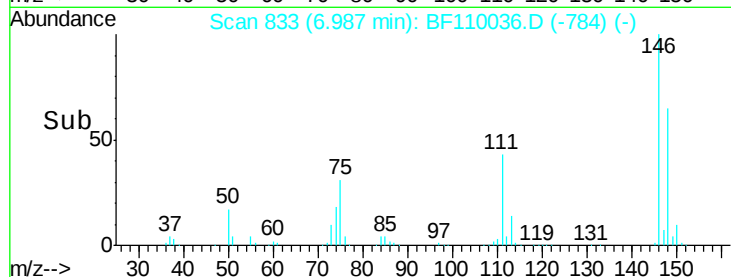
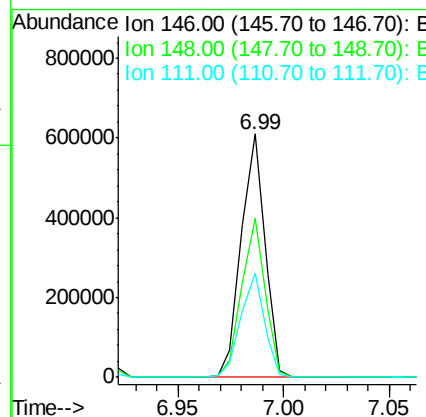
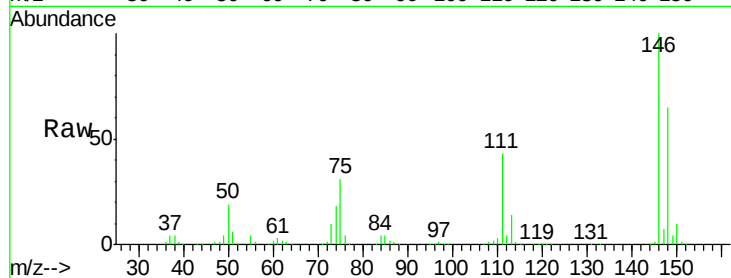
#13
 1,4-Dichlorobenzene
 Concen: 29.845 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.3	75.5
111	42.6	32.7	49.1

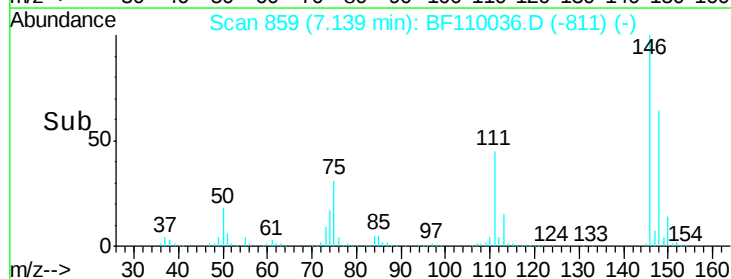
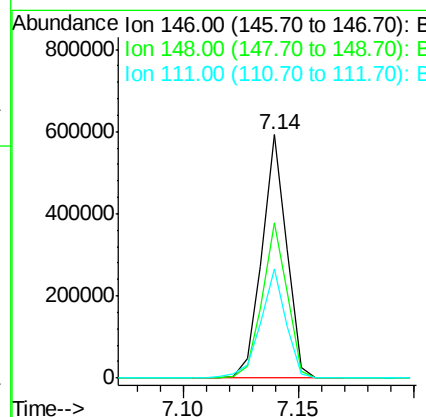
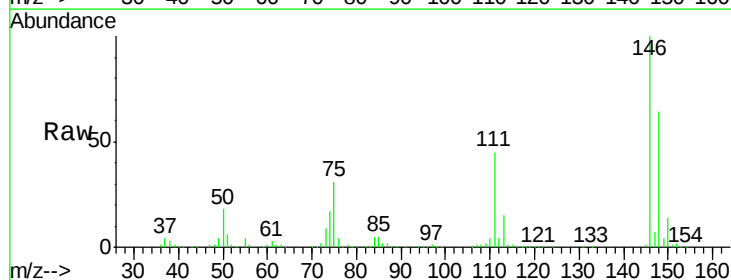
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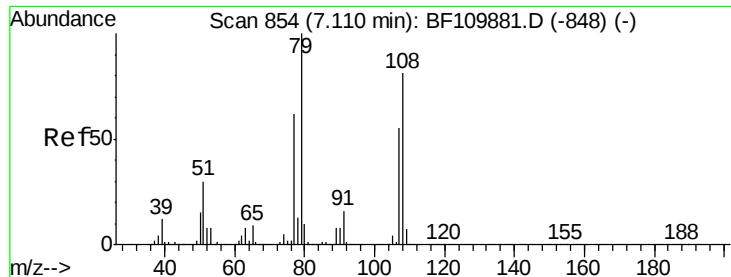
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#14
 1,2-Dichlorobenzene
 Concen: 30.274 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	45.1	35.8	53.6





#15

Benzyl Alcohol

Concen: 31.275 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

Instrument :

BNA_F

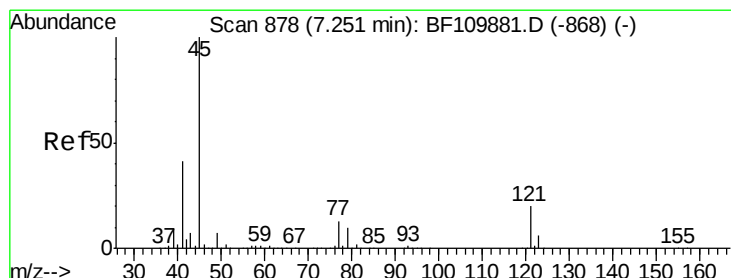
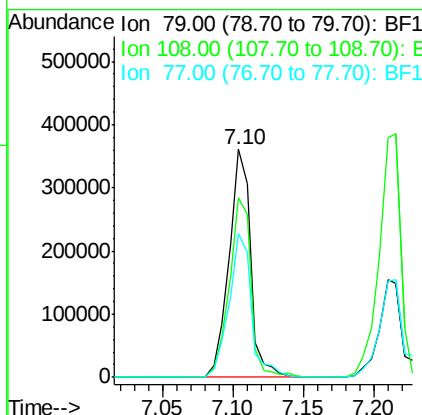
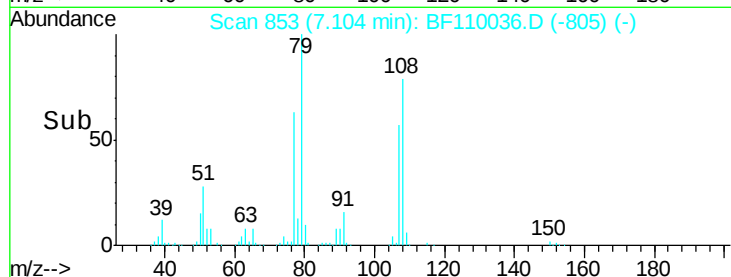
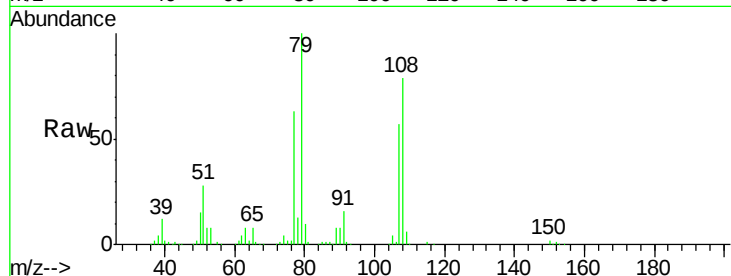
ClientSampleId :

PB113996BS

Tgt Ion:	79	Resp:	384103
Ion Ratio	Lower	Upper	
79	100		
108	79.1	56.3	84.5
77	63.2	52.9	79.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.891 ng

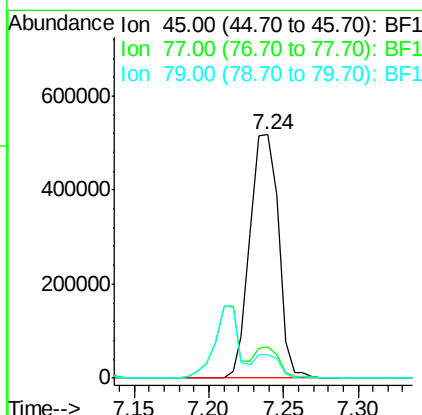
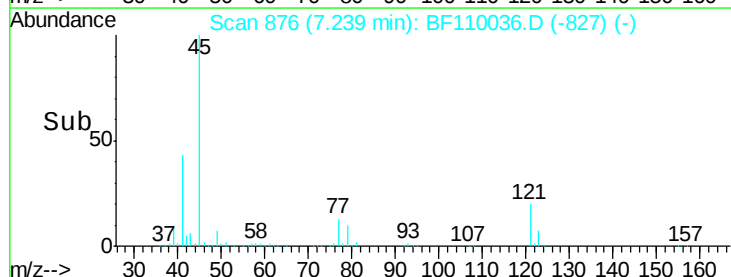
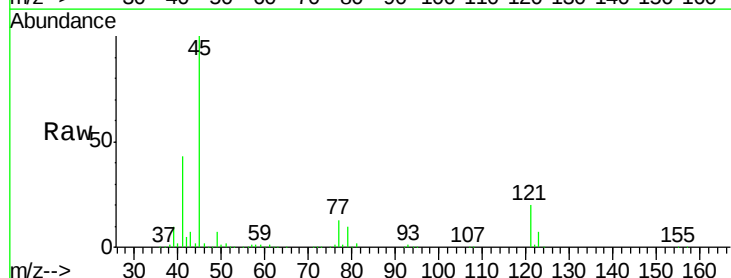
RT: 7.24 min Scan# 876

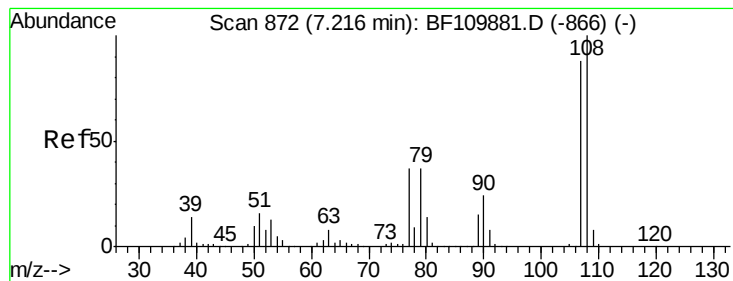
Delta R.T. -0.01 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

Tgt Ion:	45	Resp:	683368
Ion Ratio	Lower	Upper	
45	100		
77	12.6	10.0	50.0
79	9.6	6.1	46.1





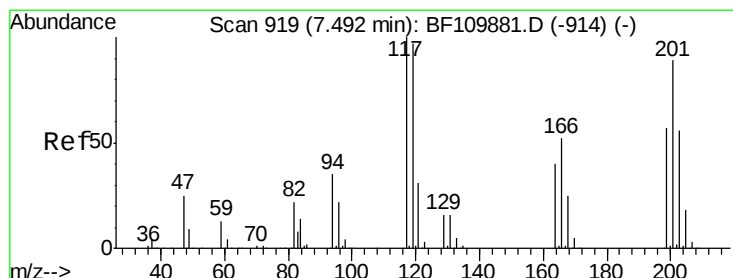
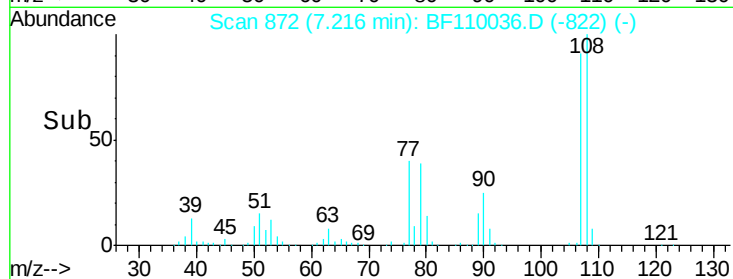
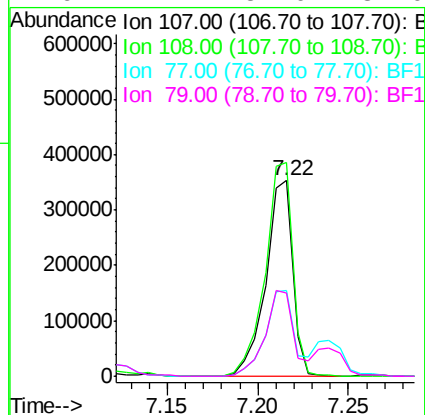
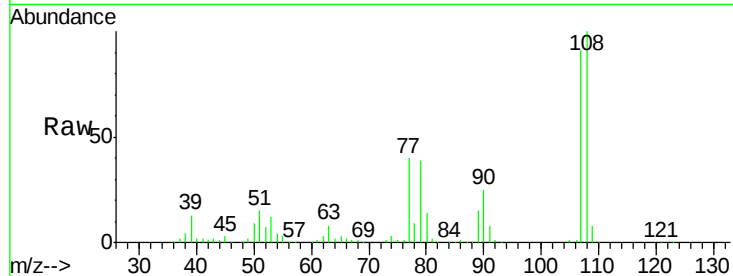
#17
2-Methylphenol
Concen: 31.568 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	109.4	92.6	138.8
77	43.6	59.4	89.2#
79	42.4	54.0	81.0#

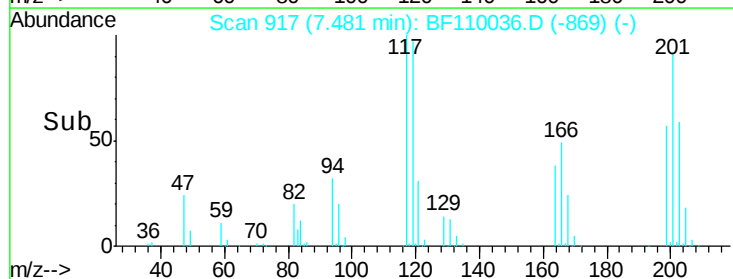
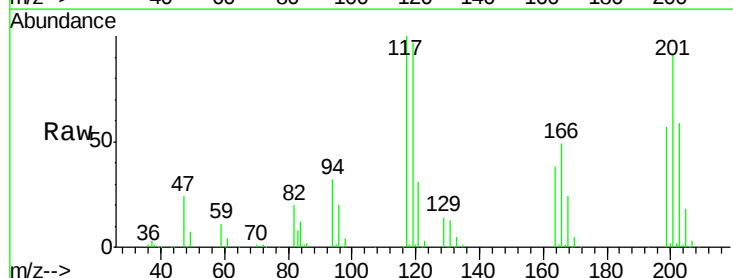
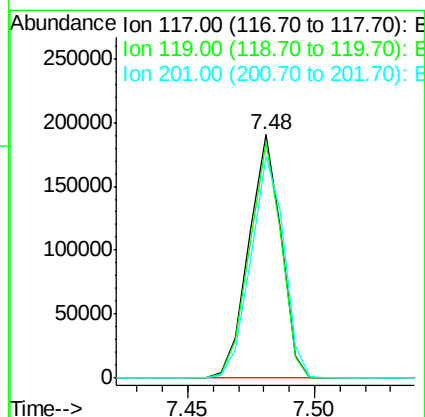
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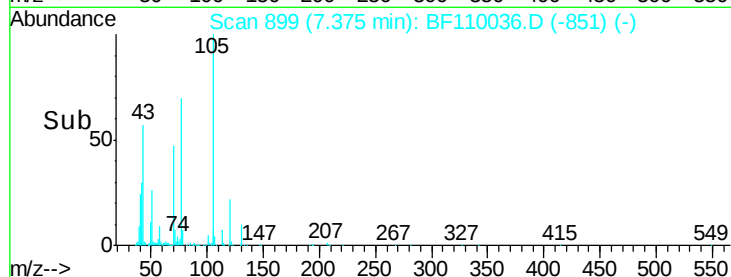
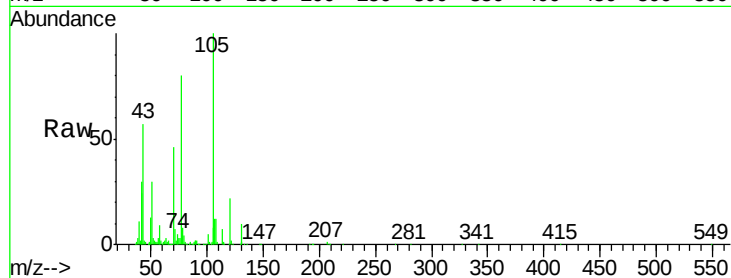
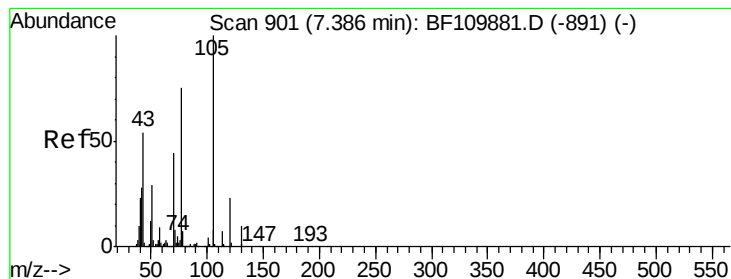
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#18
Hexachloroethane
Concen: 30.052 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	96.9	75.0	112.6
201	91.1	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 29.312 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	300447		
42	65.2	47.4	71.2	
101	10.1	7.3	10.9	
130	21.6	16.2	24.2	

Instrument :

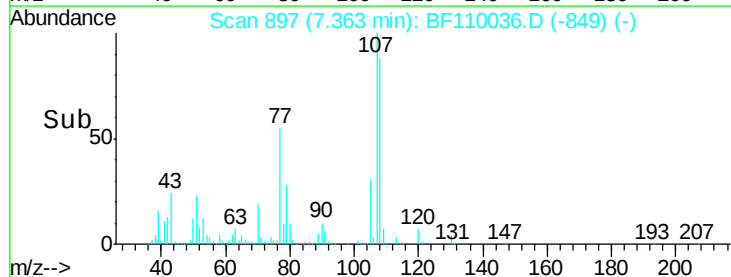
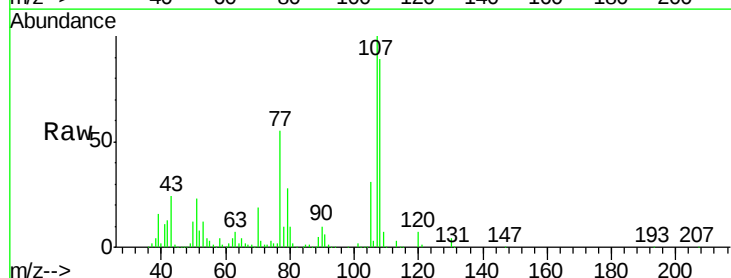
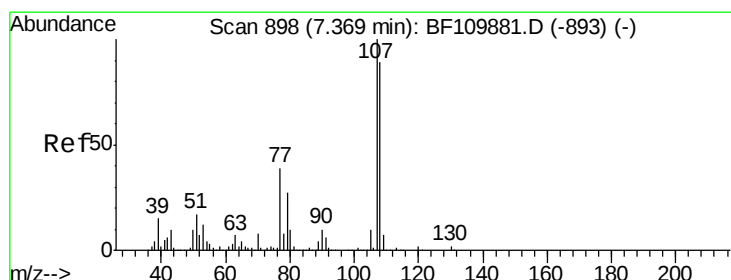
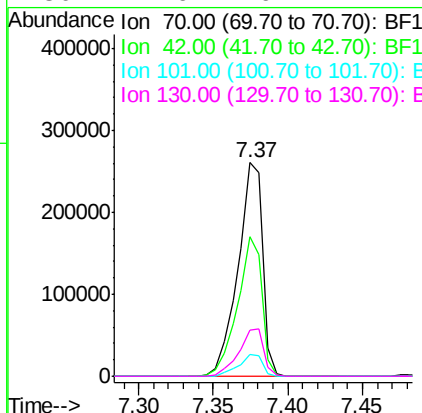
BNA_F

ClientSampleId :

PB113996BS

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#20

3+4-Methylphenols

Concen: 30.968 ng

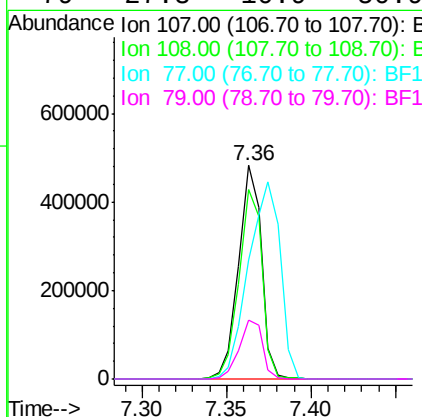
RT: 7.36 min Scan# 897

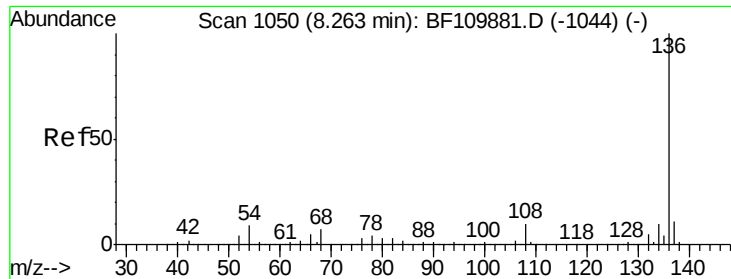
Delta R.T. -0.02 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	456322		
108	88.5	71.4	111.4	
77	55.4	47.3	87.3	
79	27.8	10.9	50.9	





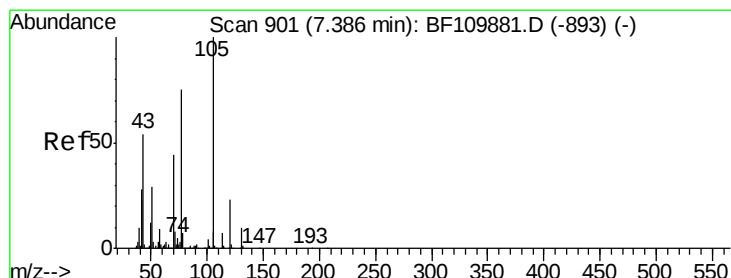
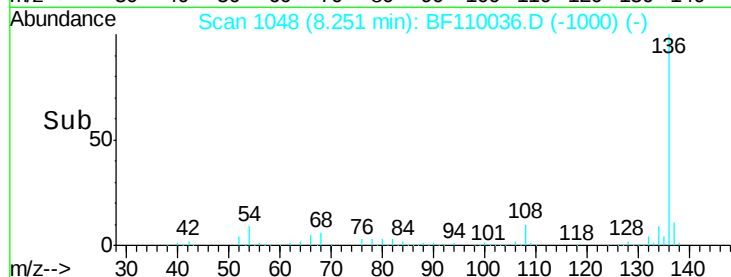
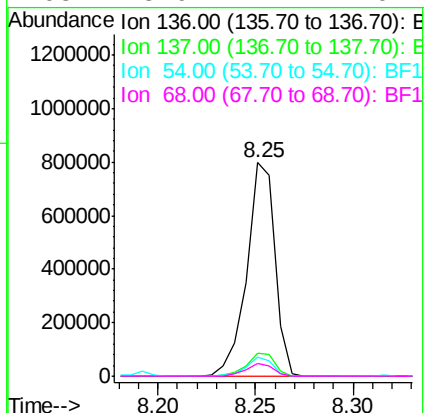
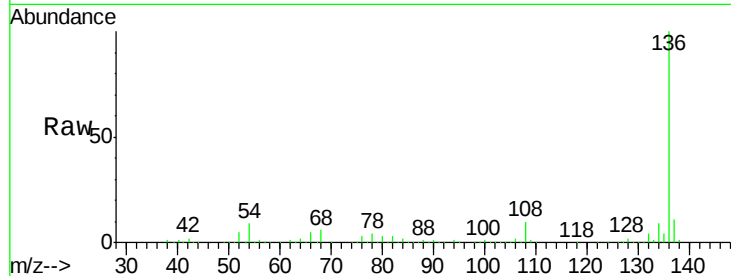
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.1	8.8	13.2
54	8.9	5.4	8.2
68	5.9	4.2	6.2

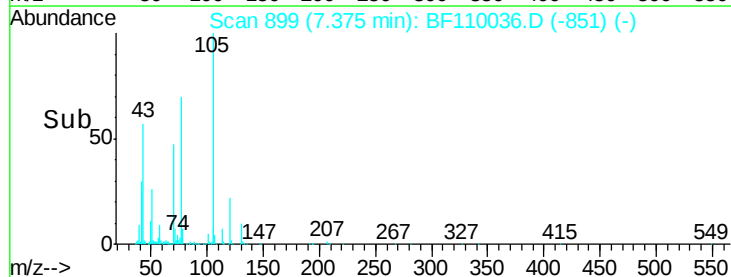
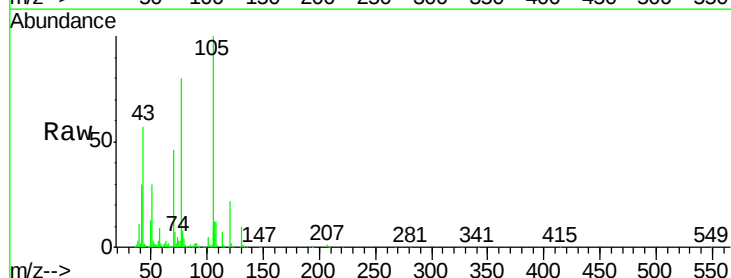
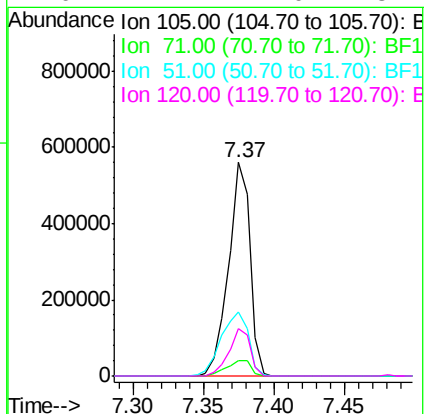
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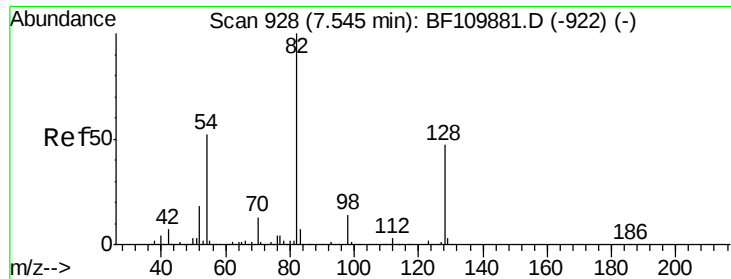
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#22
Acetophenone
Concen: 31.998 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	7.4	5.2	7.8
51	30.2	21.8	32.8
120	22.1	17.0	25.4





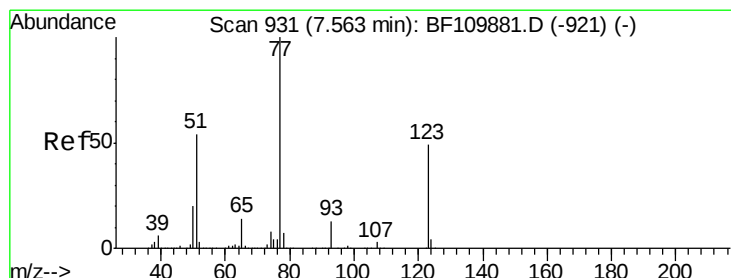
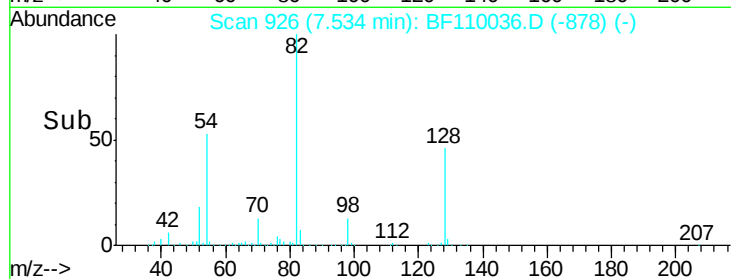
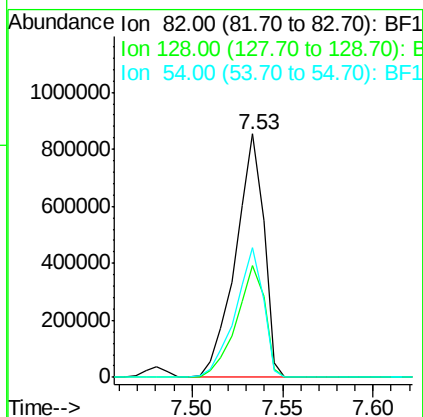
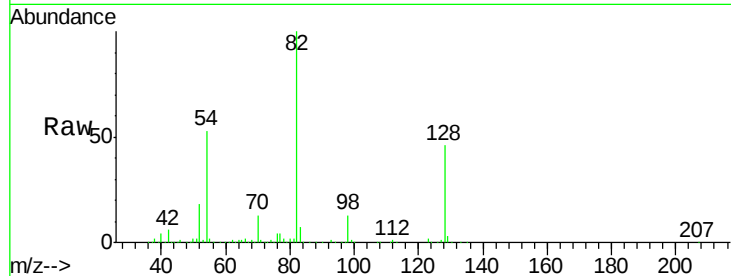
#23
 Nitrobenzene-d5
 Concen: 78.187 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	45.9	34.2	51.2
54	53.4	38.6	58.0

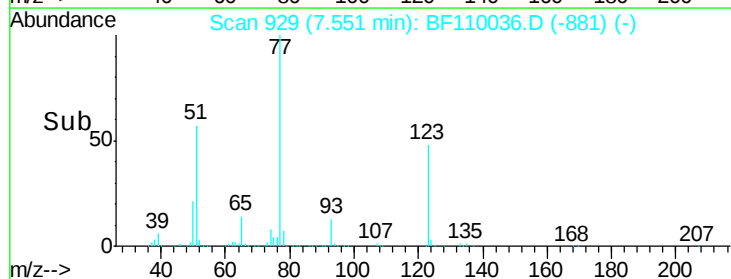
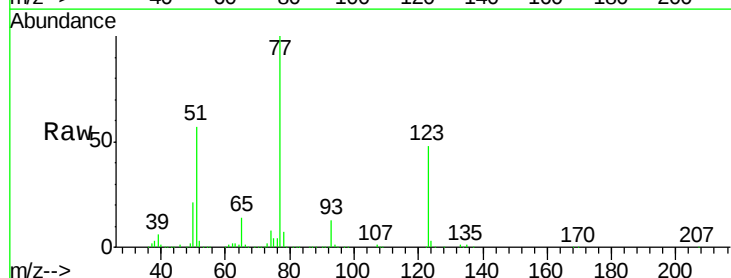
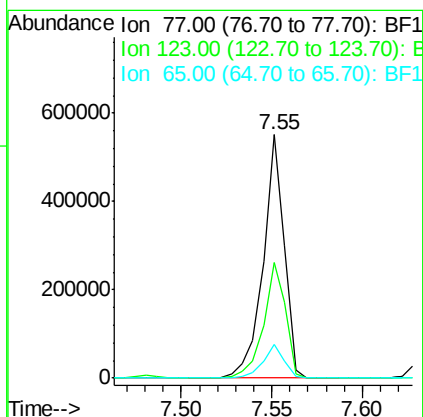
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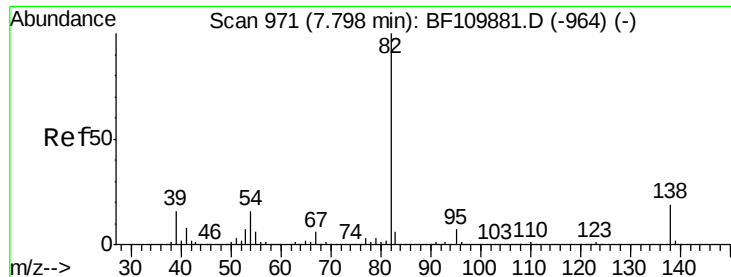
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#24
 Nitrobenzene
 Concen: 34.706 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	47.6	35.7	53.5
65	14.0	10.7	16.1





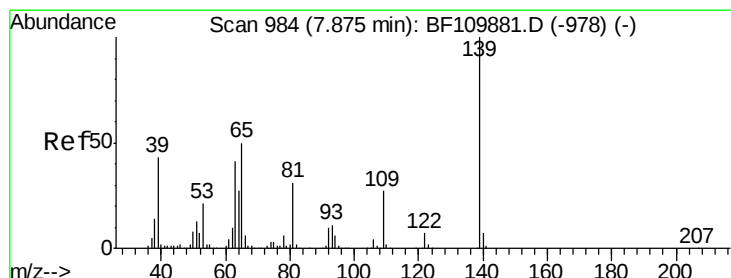
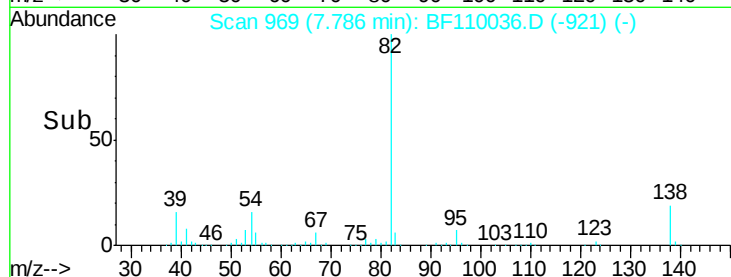
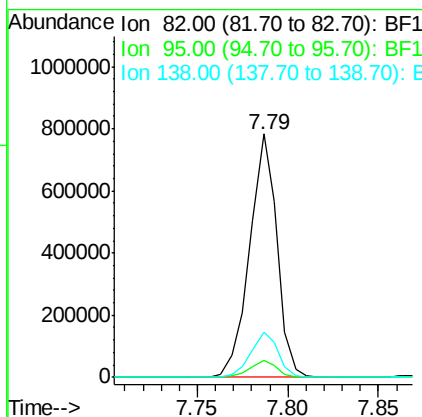
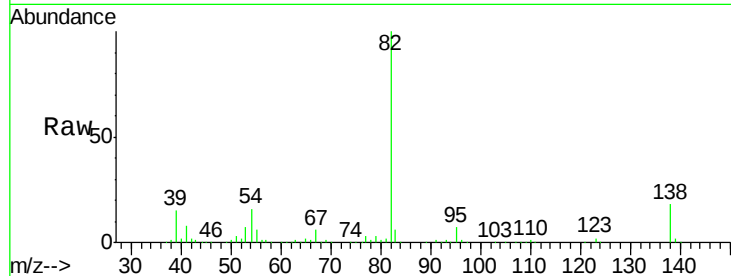
#25
Isophorone
Concen: 35.232 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	822434		
95	7.0	5.7	8.5	
138	18.4	13.2	19.8	

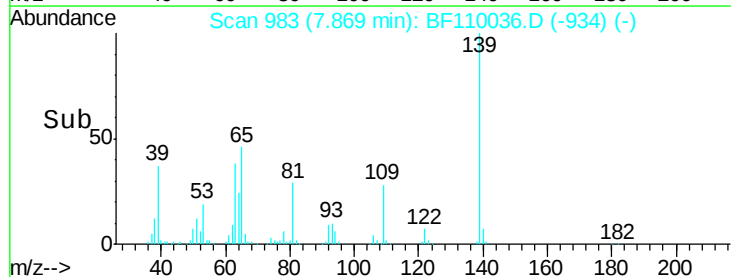
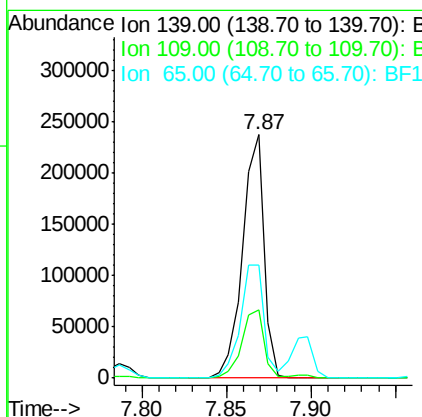
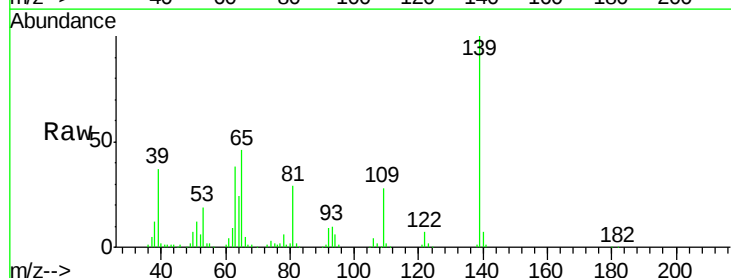
Manual Integrations
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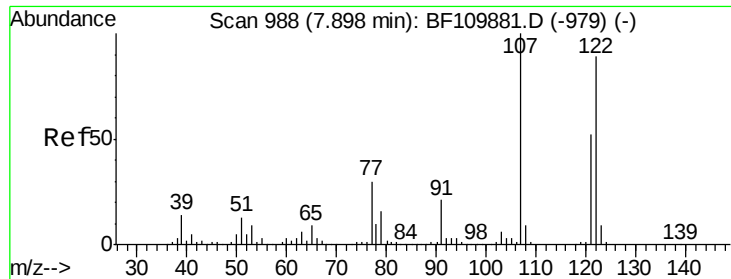
Sohil
10/22/2018 2:55:57 PM



#26
2-Nitrophenol
Concen: 39.619 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	212007		
109	28.0	25.0	37.6	
65	46.4	44.0	66.0	





#27

2,4-Dimethylphenol

Concen: 36.273 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

Instrument :

BNA_F

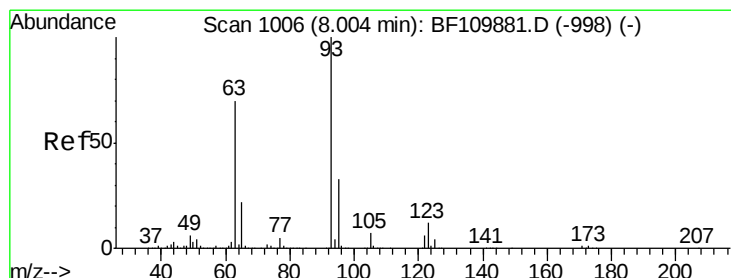
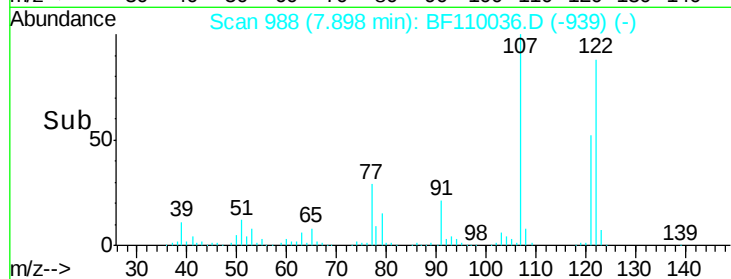
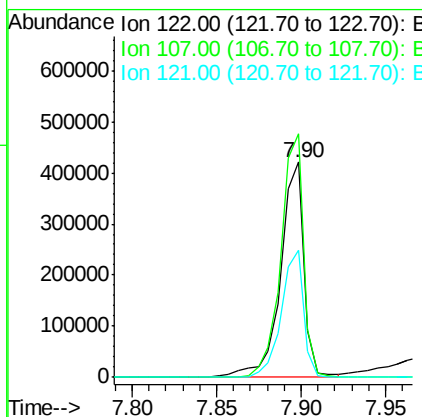
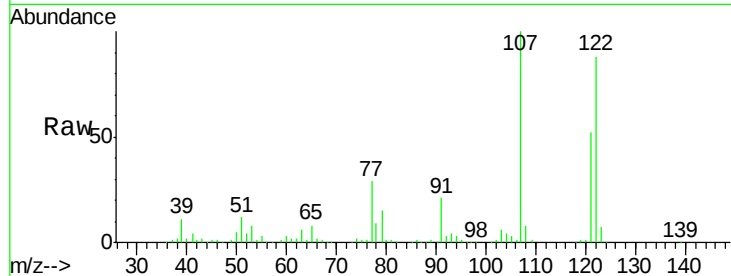
ClientSampleId :

PB113996BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	407849		
107	113.3	92.5	138.7	
121	59.1	45.8	68.8	

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Sohil
10/22/2018 2:55:57 PM



#28

bis(2-Chloroethoxy)methane

Concen: 32.555 ng

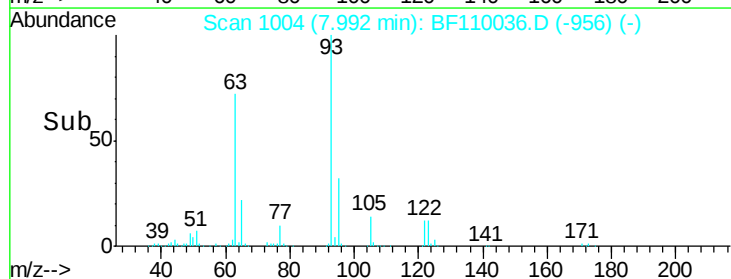
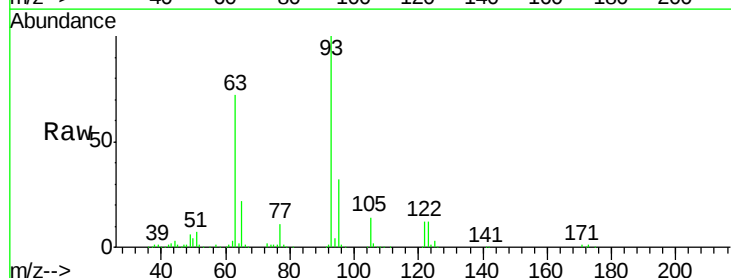
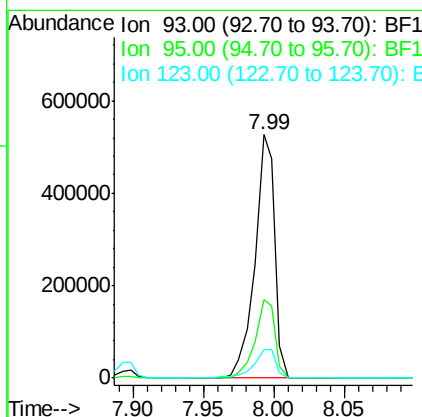
RT: 7.99 min Scan# 1004

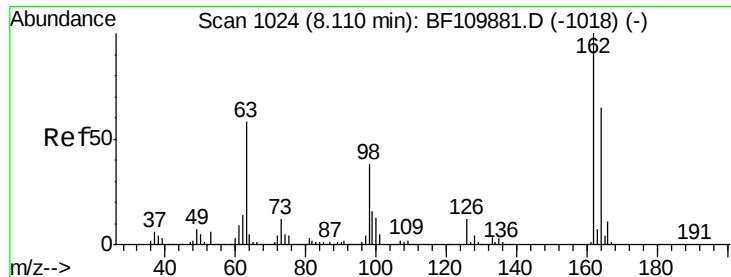
Delta R.T. -0.02 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	521545		
95	32.3	26.4	39.6	
123	11.9	9.0	13.6	





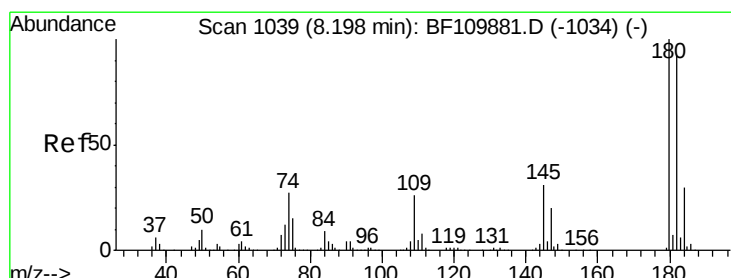
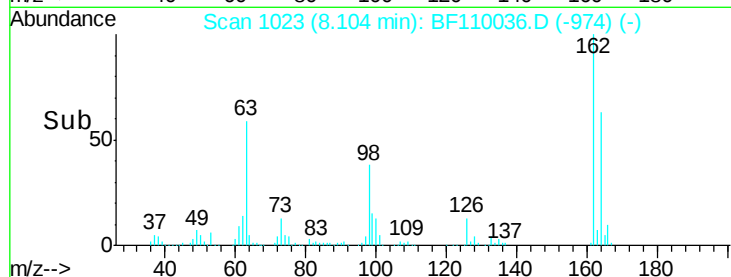
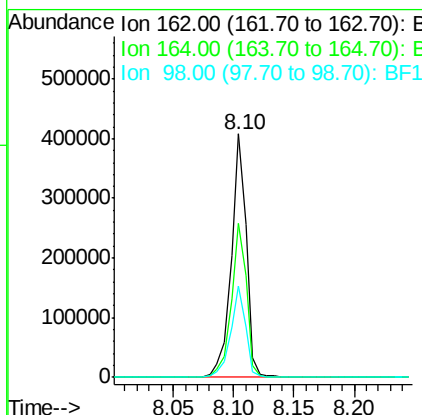
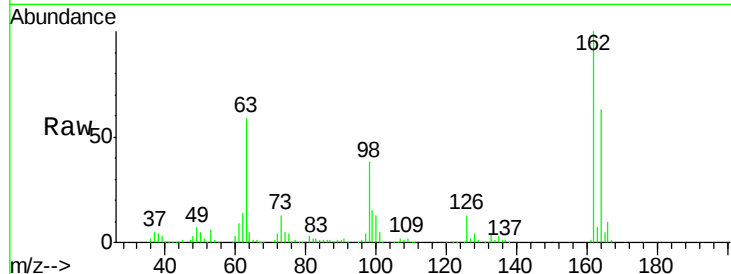
#29
2,4-Dichlorophenol
Concen: 32.450 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleID :
PB113996BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	353950		
164	63.1	44.6	84.6	
98	37.7	17.4	57.4	

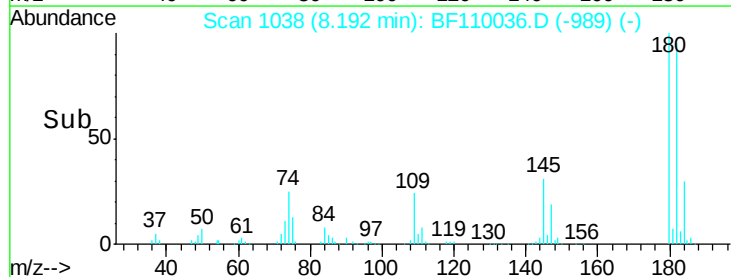
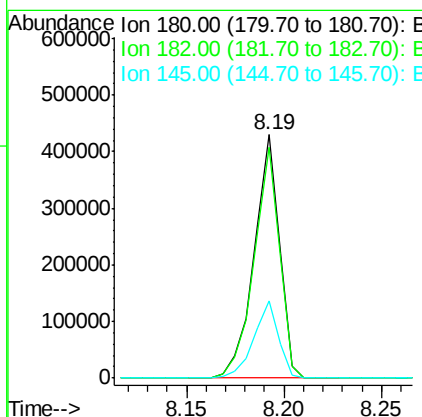
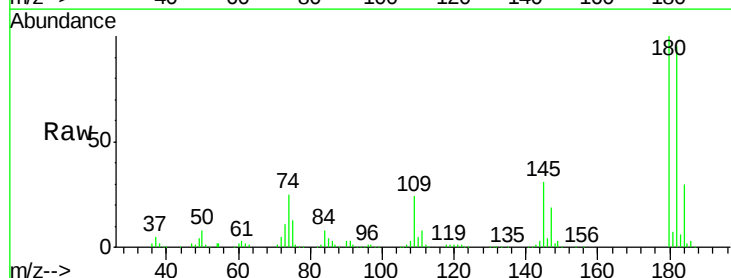
Manual Integrations
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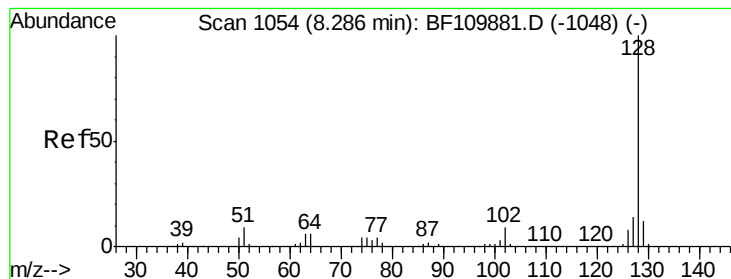
Sohil
10/22/2018 2:55:57 PM



#30
1,2,4-Trichlorobenzene
Concen: 31.656 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	386611		
182	94.9	80.3	120.5	
145	31.5	25.4	38.0	





#31

Naphthalene

Concen: 33.804 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

Instrument :

BNA_F

ClientSampleId :

PB113996BS

Tgt Ion:128 Resp: 1240556

Ion Ratio Lower Upper

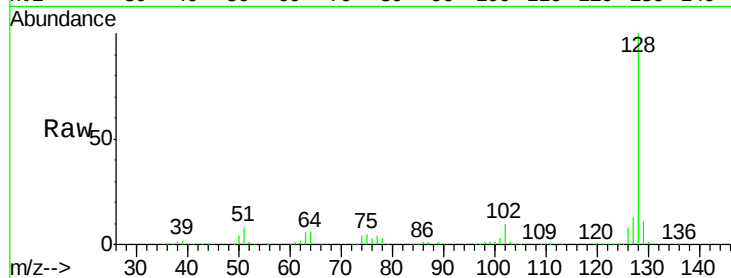
128 100

129 11.5 8.8 13.2

127 13.4 10.8 16.2

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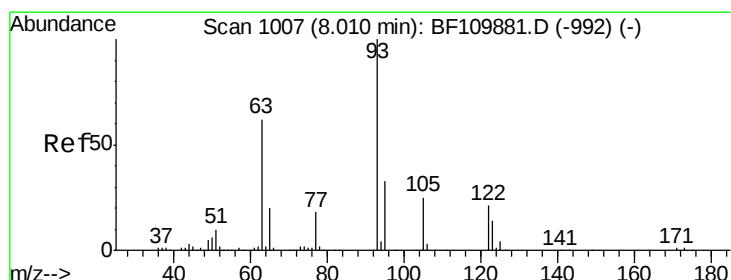
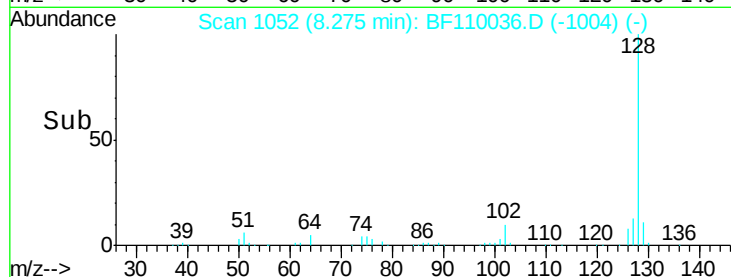
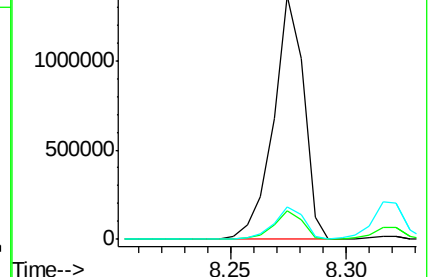
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.521 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

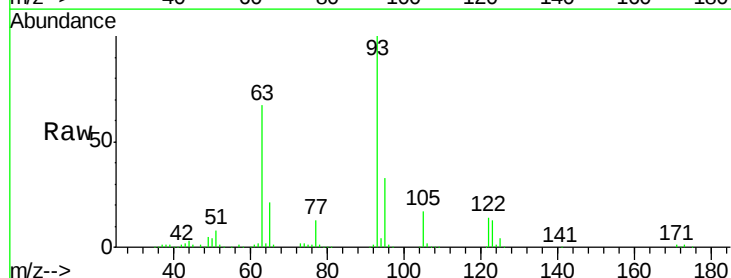
Tgt Ion:122 Resp: 199811

Ion Ratio Lower Upper

122 100

105 126.3 109.0 149.0

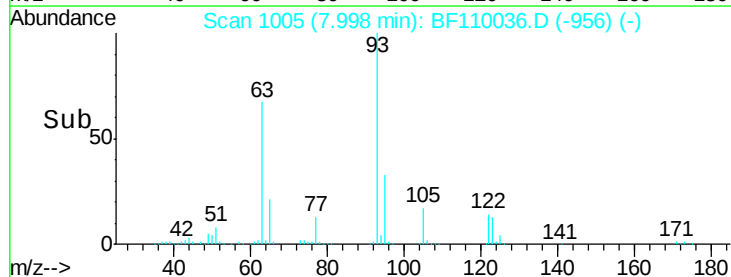
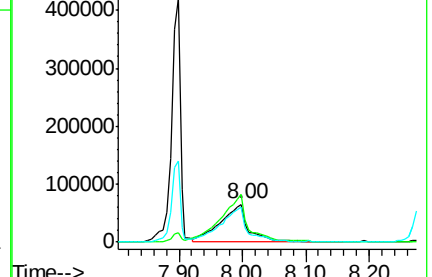
77 94.1 79.0 119.0

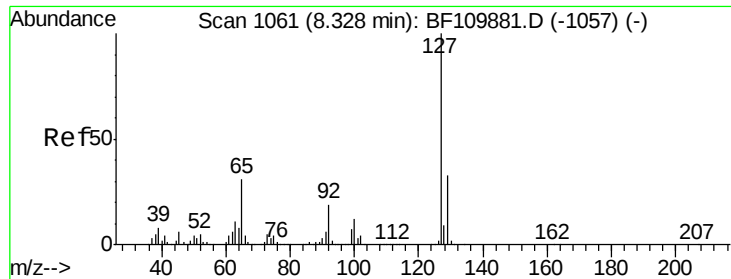


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





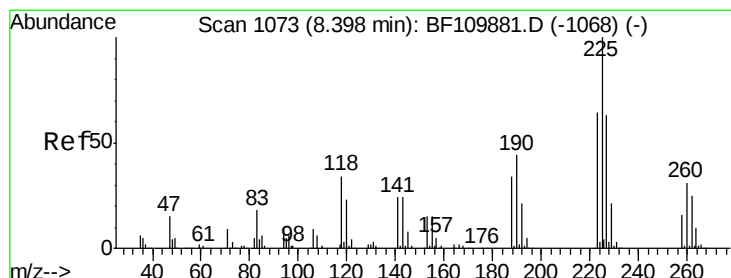
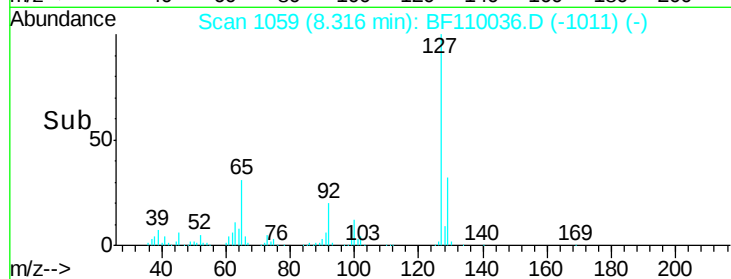
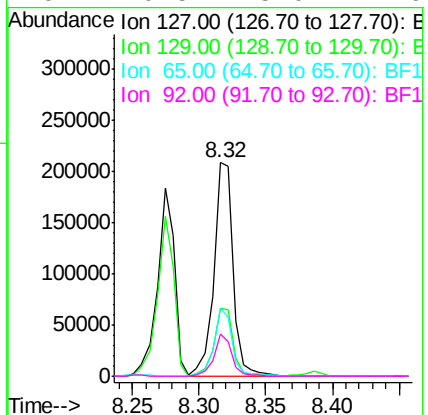
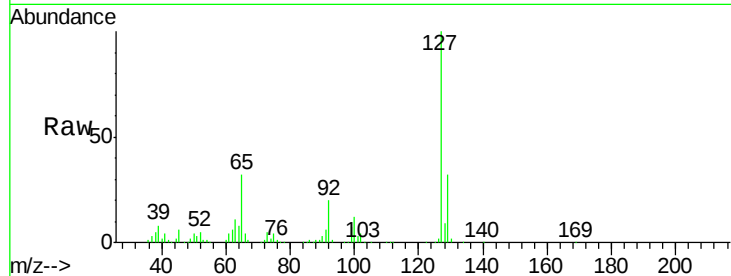
#33
 4-Chloroaniline
 Concen: 12.832 ng
 RT: 8.32 min Scan# 1059
 Delta R.T. -0.02 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	211686		
129	32.1	26.0	39.0	
65	31.7	25.1	37.7	
92	19.5	15.0	22.6	

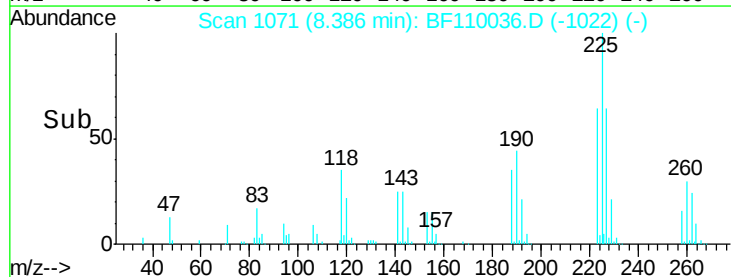
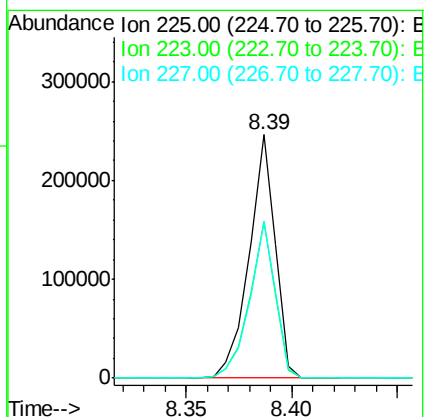
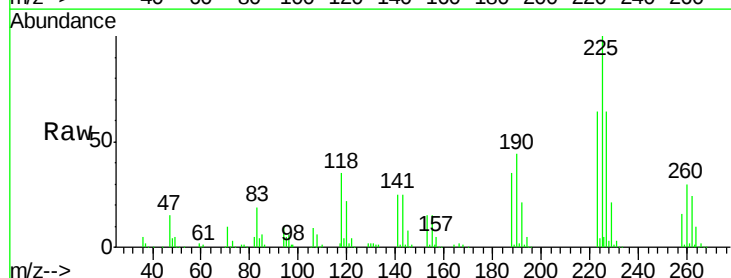
Manual Integrations
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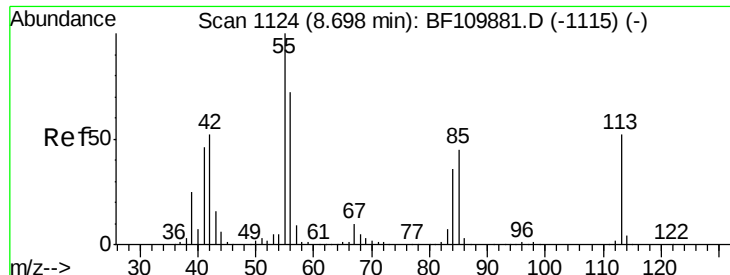
Sohil
 10/22/2018 2:55:57 PM



#34
 Hexachlorobutadiene
 Concen: 31.514 ng
 RT: 8.39 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	212231		
223	64.2	51.4	77.2	
227	64.2	51.0	76.6	





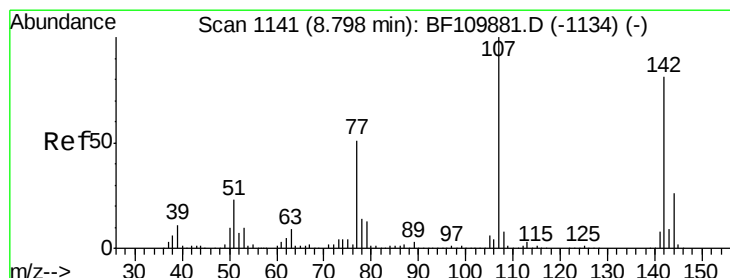
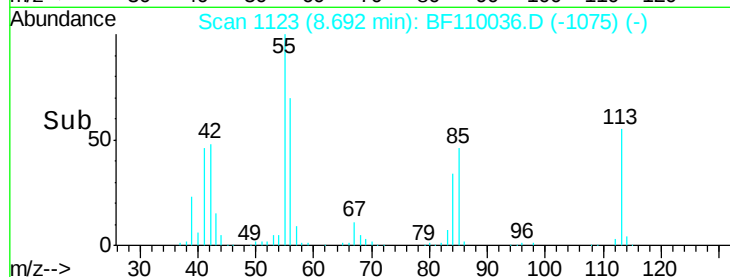
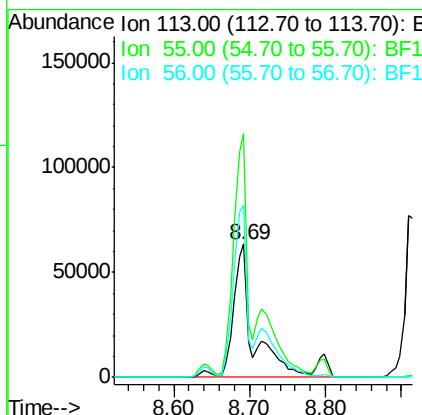
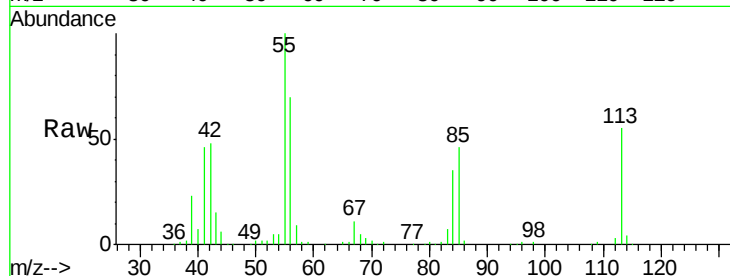
#35
 Caprolactam
 Concen: 32.201 ng m
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	182.6	142.8	182.8
56	128.6	105.0	145.0

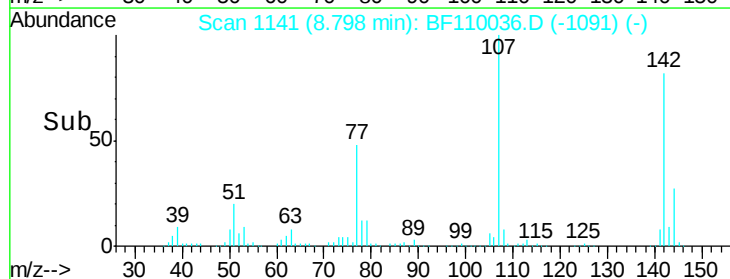
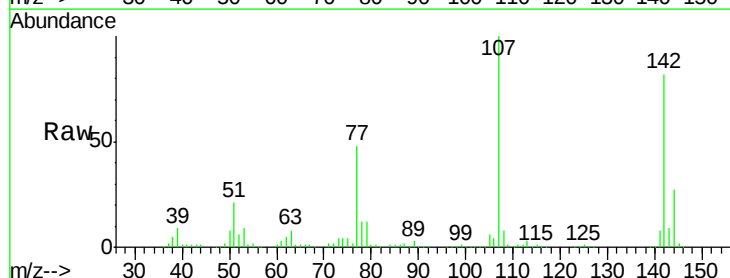
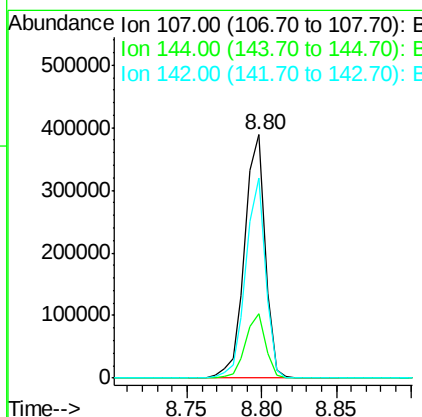
Manual Integrations
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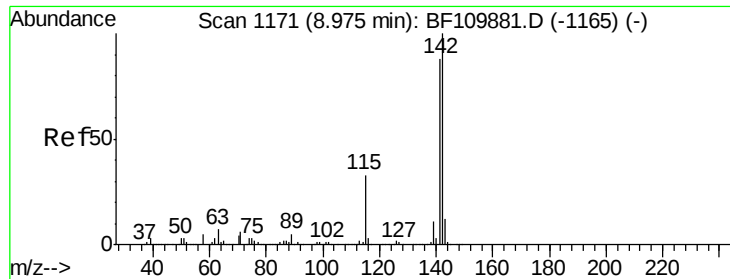
Sohil
 10/22/2018 2:55:57 PM



#36
 4-Chloro-3-methylphenol
 Concen: 32.377 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.0	30.0
142	82.0	59.7	89.5





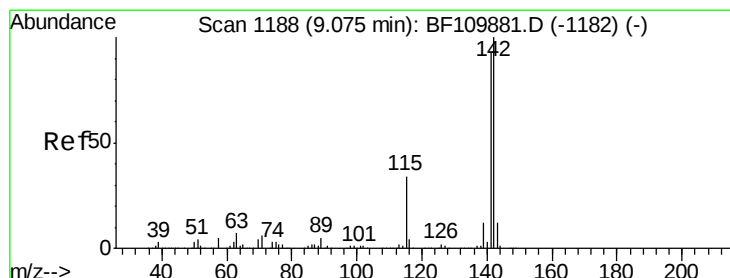
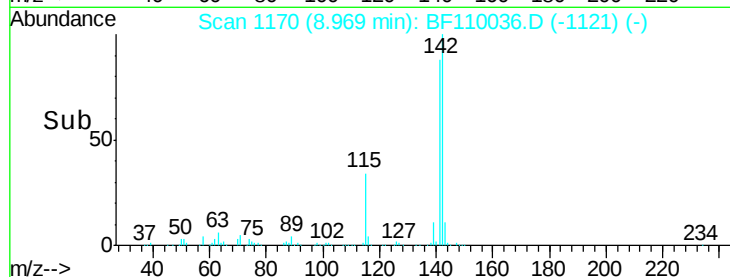
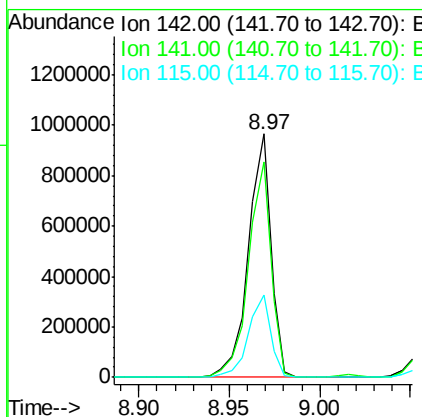
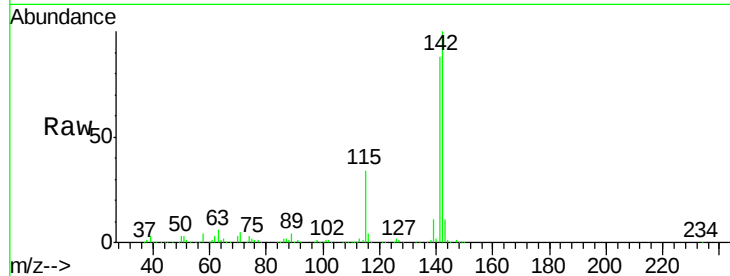
#37
2-Methylnaphthalene
Concen: 35.271 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	838161		
141	88.3	71.4	107.2	
115	33.6	28.7	43.1	

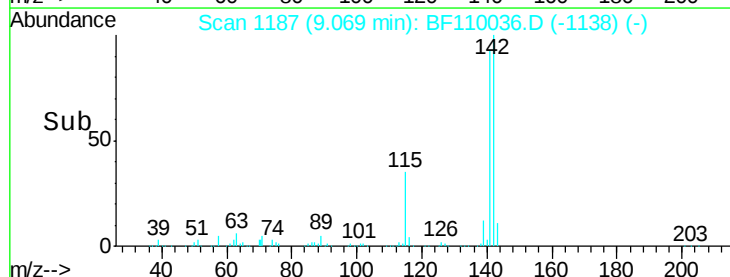
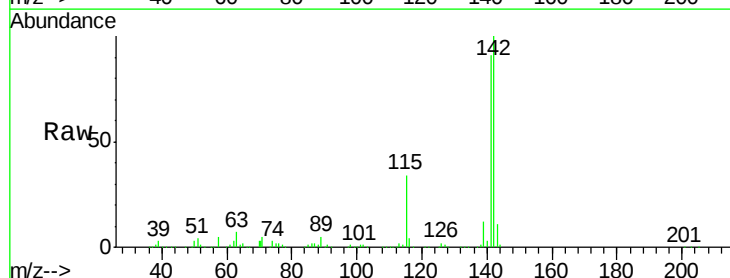
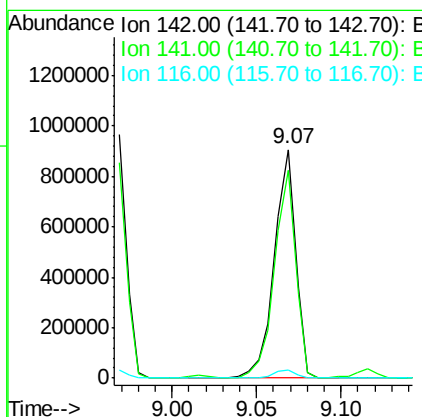
Manual Integrations
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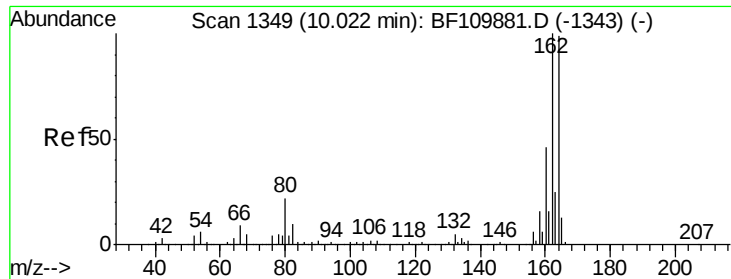
Sohil
10/22/2018 2:55:57 PM



#38
1-Methylnaphthalene
Concen: 34.519 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	794858		
141	90.9	74.2	111.4	
116	3.6	2.6	4.0	





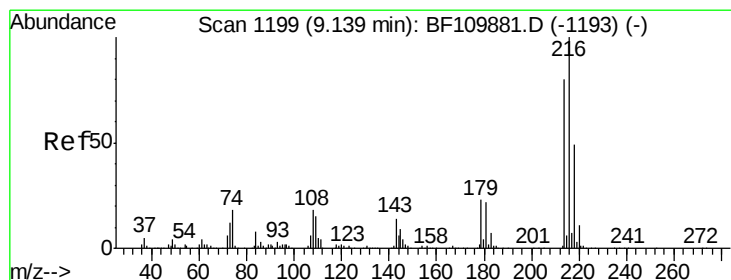
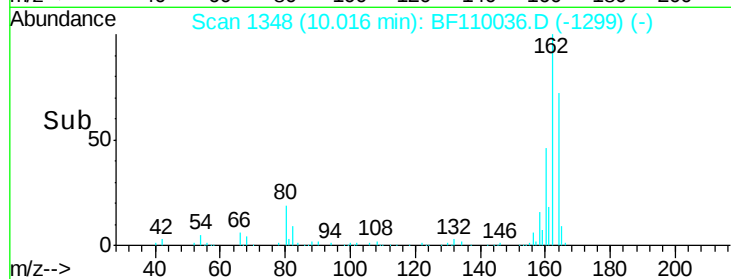
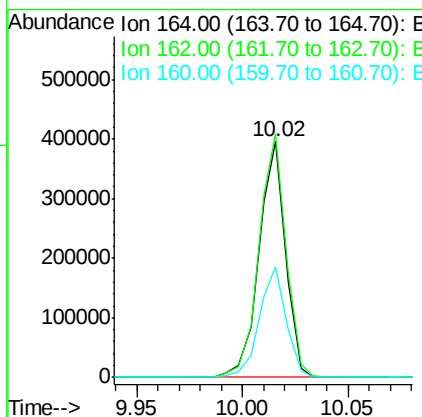
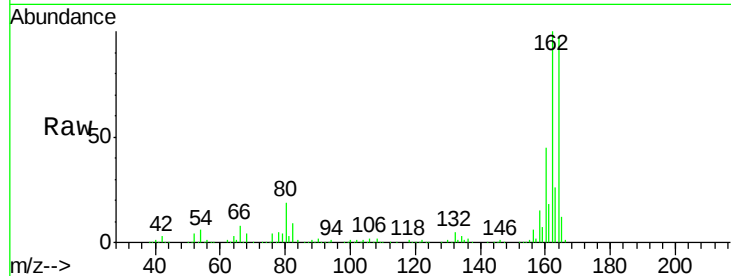
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	345878		
162	103.4	83.0	124.6	
160	46.8	37.0	55.6	

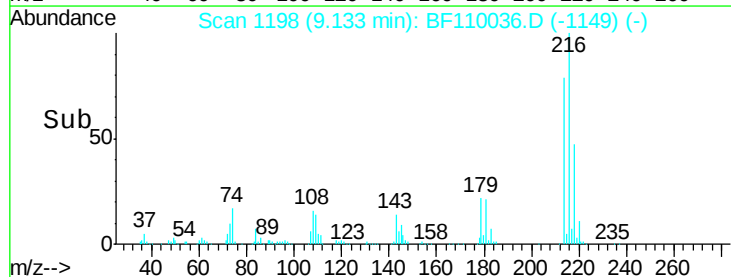
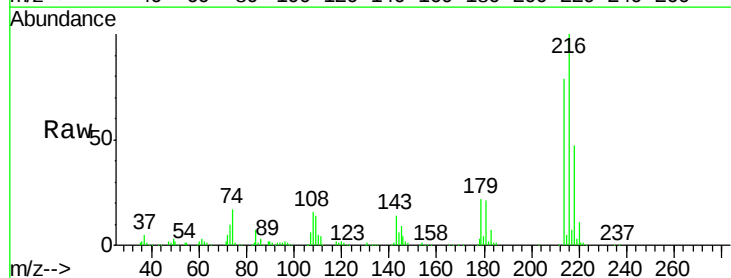
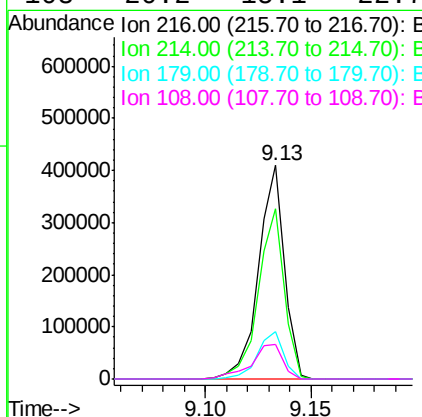
Manual Integrations
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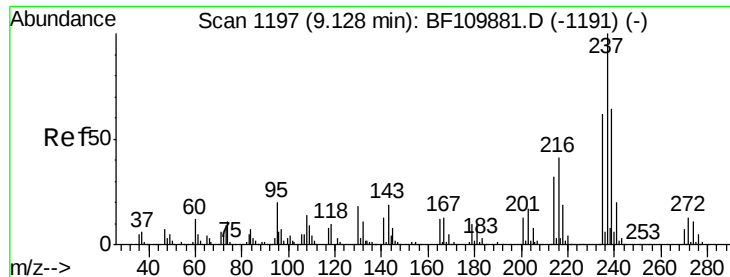
Sohil
10/22/2018 2:55:57 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.954 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	351072		
214	79.5	63.8	95.6	
179	22.7	16.6	25.0	
108	20.2	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 45.995 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

Instrument :

BNA_F

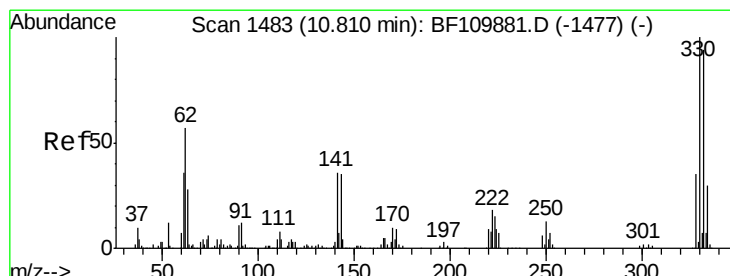
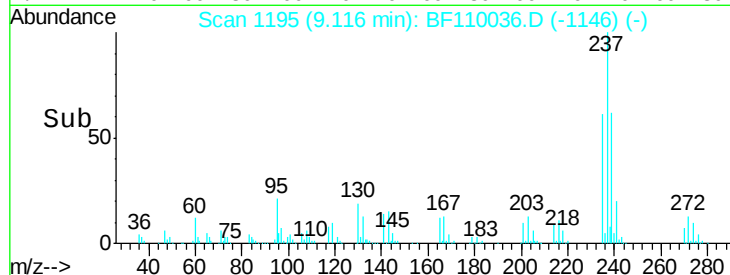
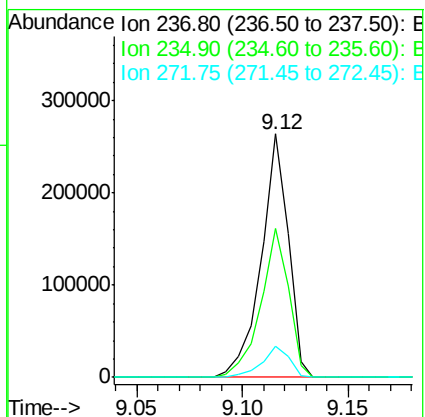
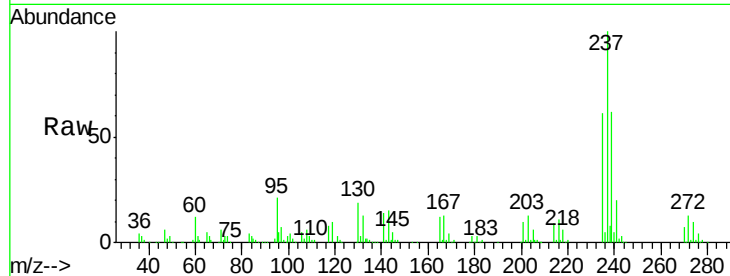
ClientSampleId :

PB113996BS

Tgt Ion:	237	Resp:	236502
Ion Ratio	Lower	Upper	
237	100		
235	61.3	43.1	83.1
272	12.6	0.0	32.6

Manual Integrations
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Sohil
10/22/2018 2:55:57 PM



#42

2,4,6-Tribromophenol

Concen: 68.229 ng

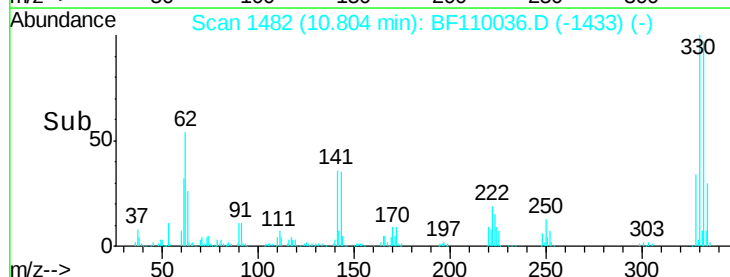
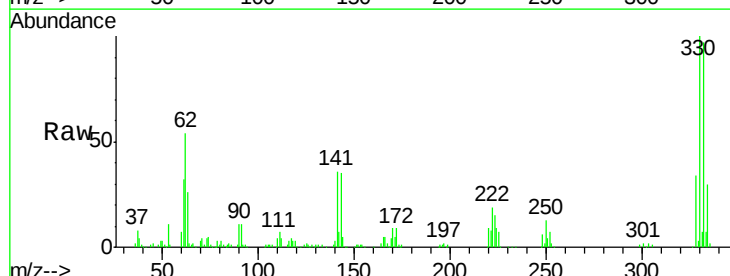
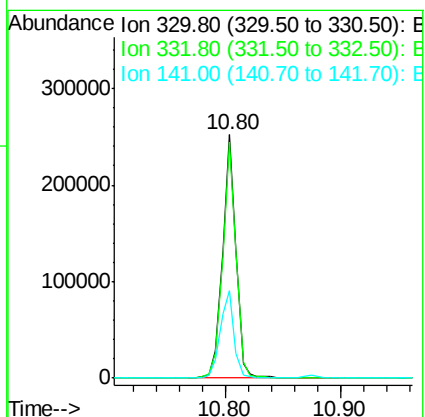
RT: 10.80 min Scan# 1482

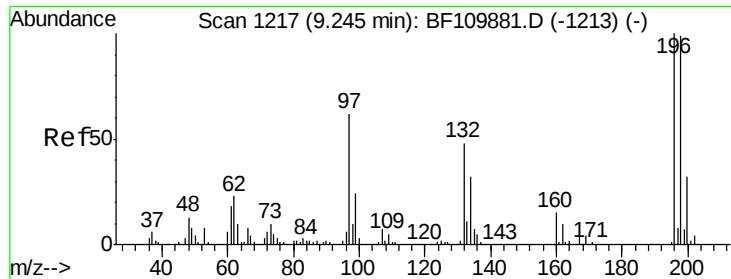
Delta R.T. -0.01 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

Tgt Ion:	330	Resp:	204314
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.1	115.7
141	36.7	27.0	40.4





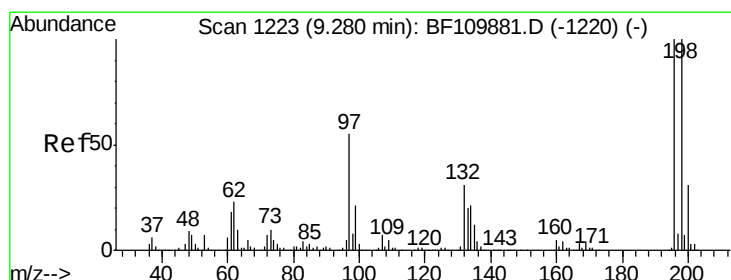
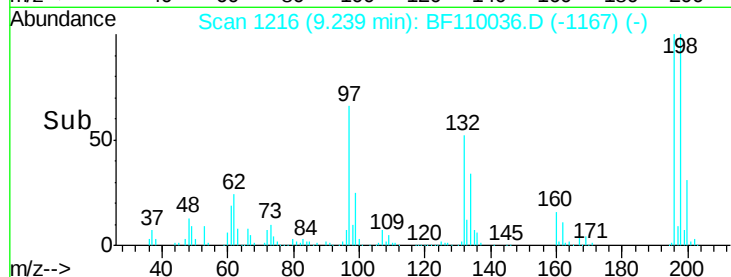
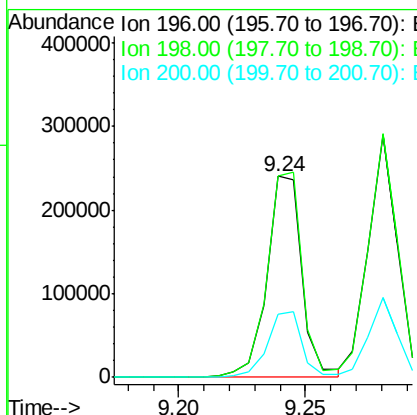
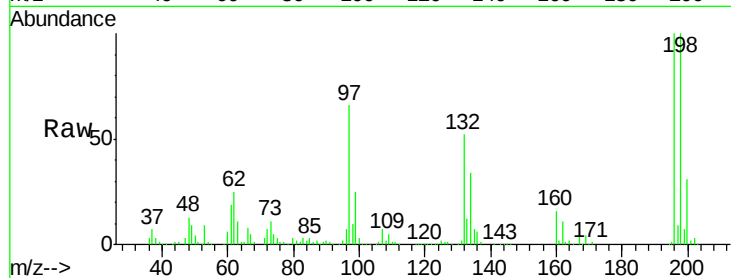
#43
 2,4,6-Trichlorophenol
 Concen: 35.097 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BS

Tgt Ion:	196	Resp:	233800
Ion Ratio	Lower	Upper	
196	100		
198	100.2	76.2	114.4
200	31.4	24.4	36.6

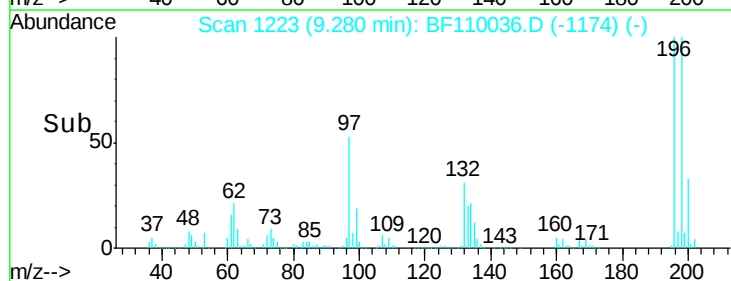
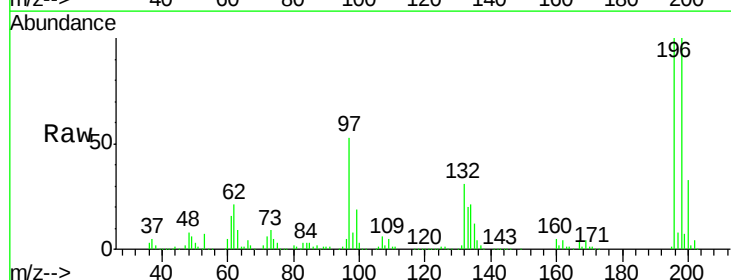
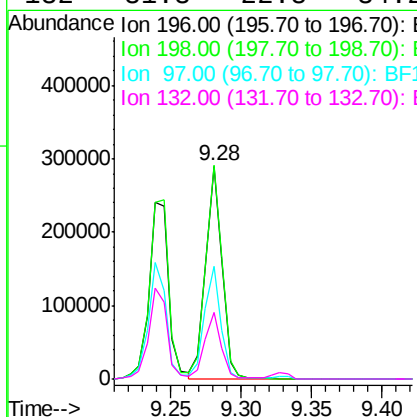
Manual Integrations
 APPROVED

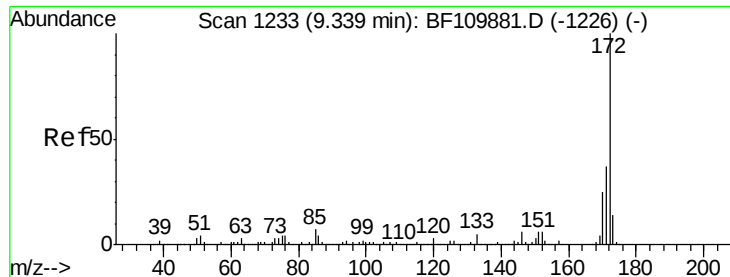
Sohil
 10/22/2018 2:55:57 PM



#44
 2,4,5-Trichlorophenol
 Concen: 34.361 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Tgt Ion:	196	Resp:	237562
Ion Ratio	Lower	Upper	
196	100		
198	100.4	75.8	113.6
97	52.9	42.4	63.6
132	31.3	22.8	34.2





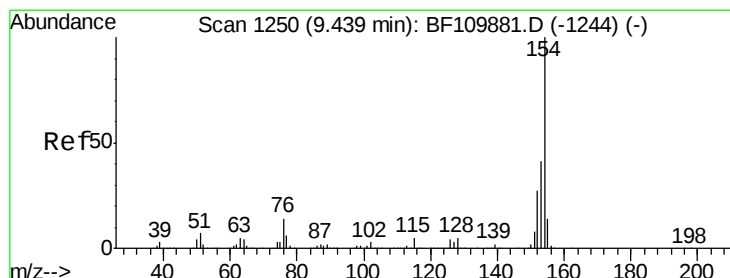
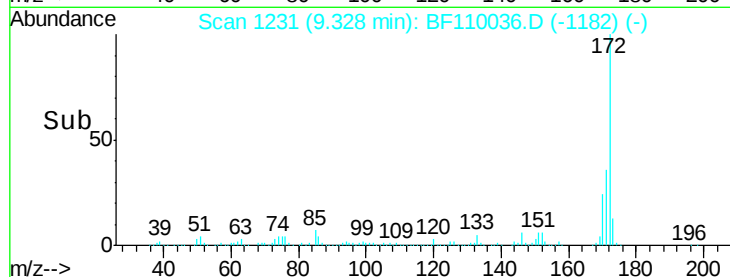
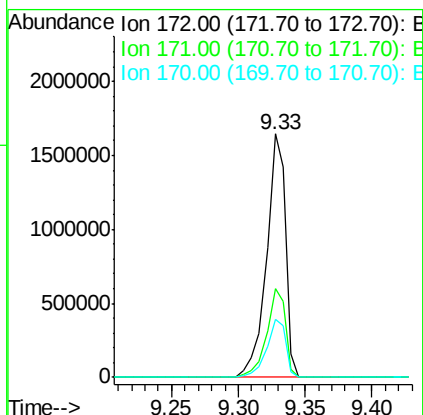
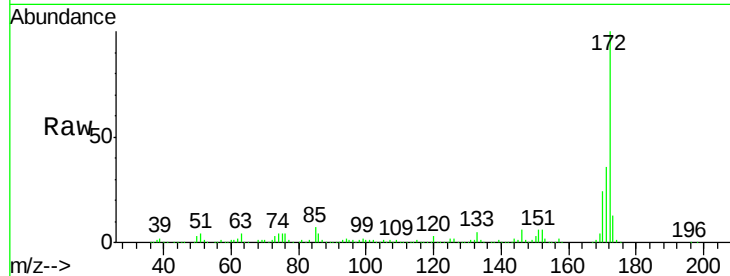
#45
2-Fluorobiphenyl
Concen: 74.807 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.8	19.7	29.5

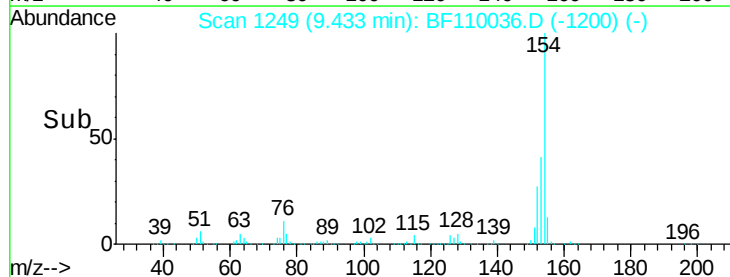
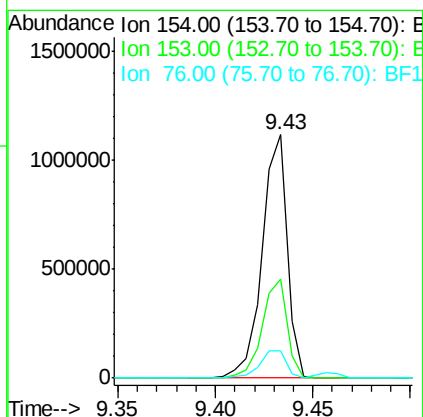
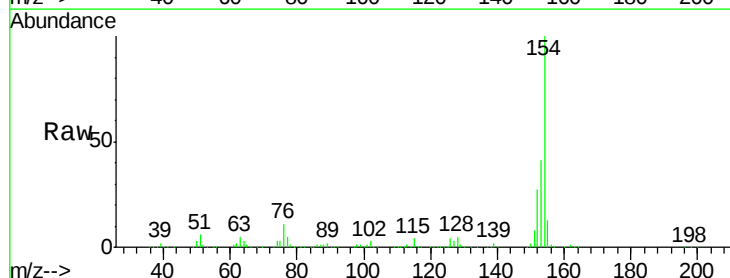
Manual Integrations
APPROVED

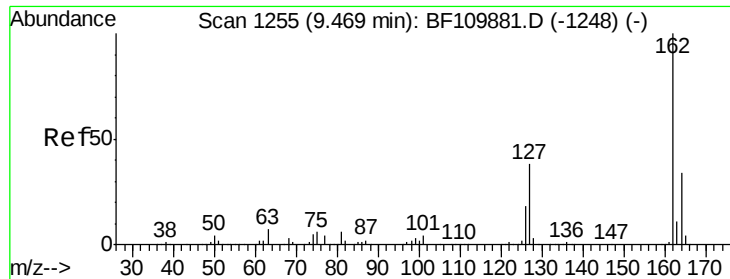
Sohil
10/22/2018 2:55:57 PM



#46
1,1'-Biphenyl
Concen: 32.312 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	11.0	0.0	31.9





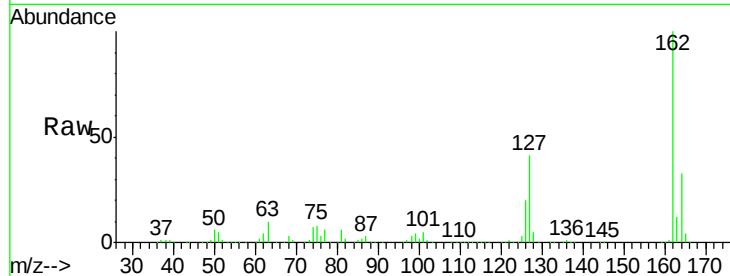
#47
2-Chloronaphthalene
Concen: 32.755 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

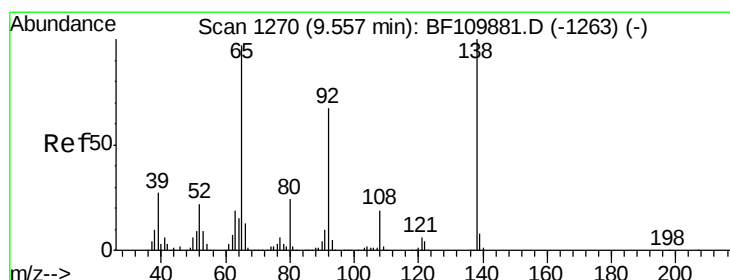
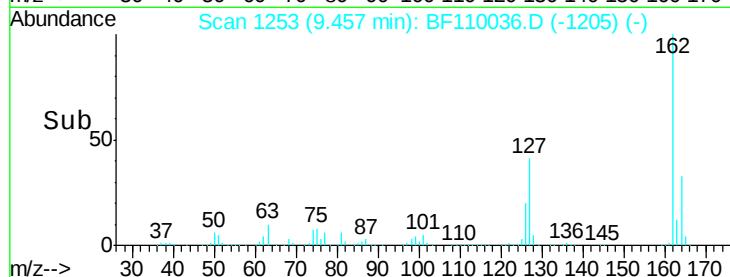
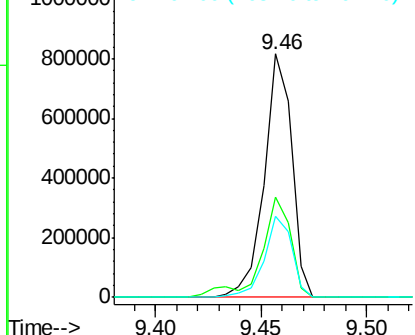
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	41.4	32.6	48.8
164	33.3	25.9	38.9

Manual Integrations
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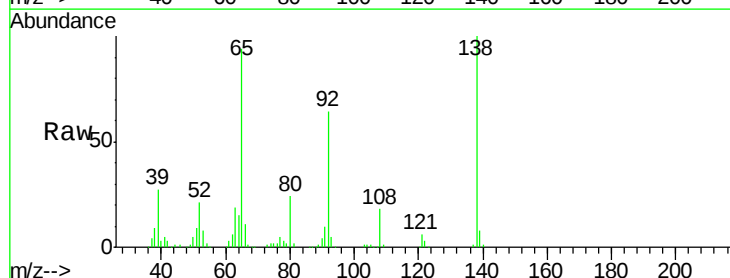


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

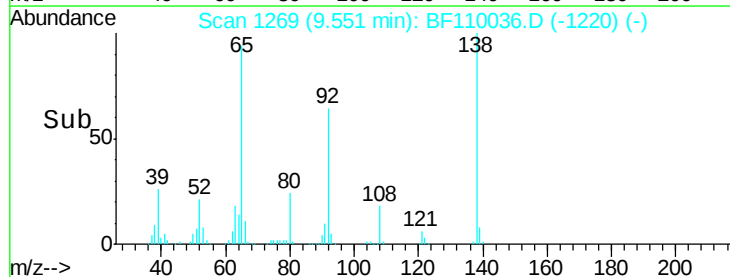
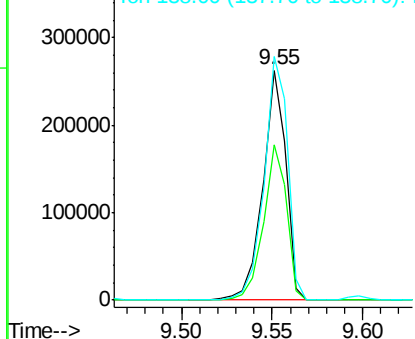


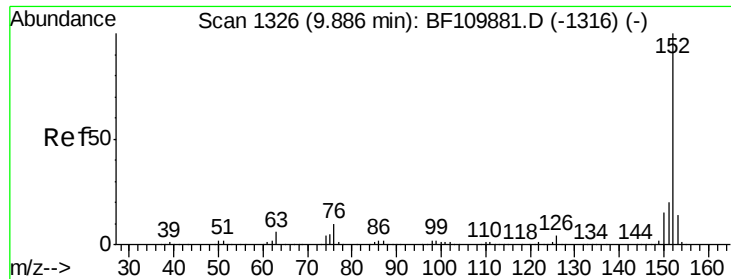
#48
2-Nitroaniline
Concen: 39.943 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	67.4	54.6	81.8
138	105.9	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 34.639 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

Instrument :

BNA_F

ClientSampleId :

PB113996BS

Tgt Ion:152 Resp: 1142246

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

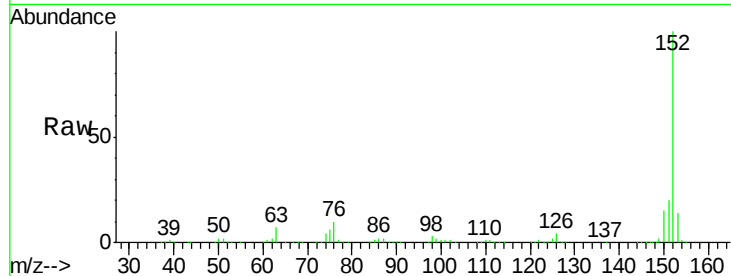
153 14.2 10.4 15.6

Manual Integrations

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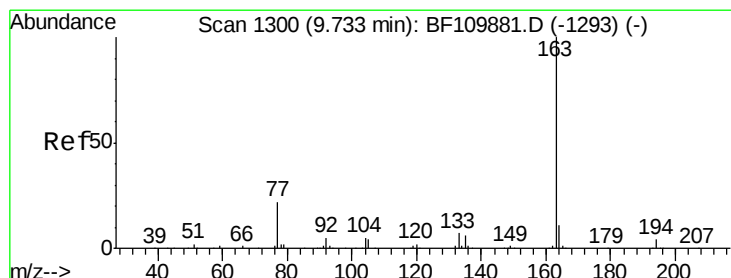
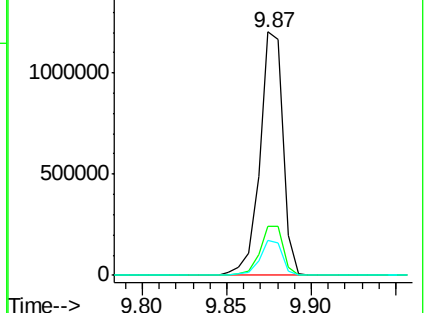
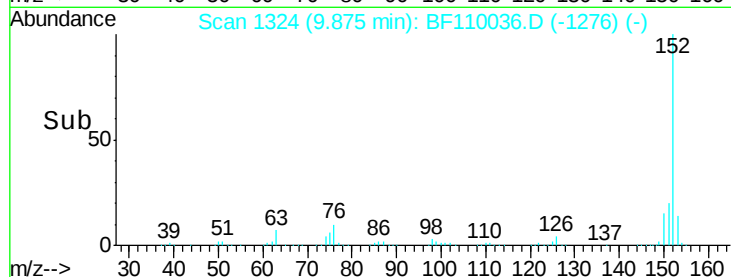
10/22/2018 2:55:57 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.214 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

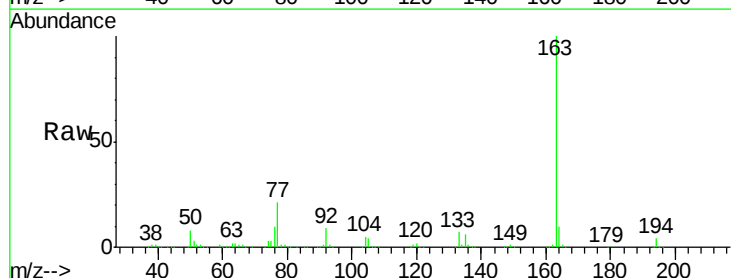
Tgt Ion:163 Resp: 862440

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

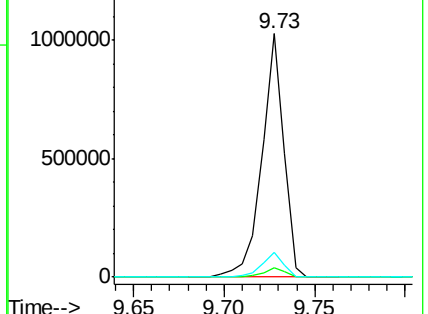
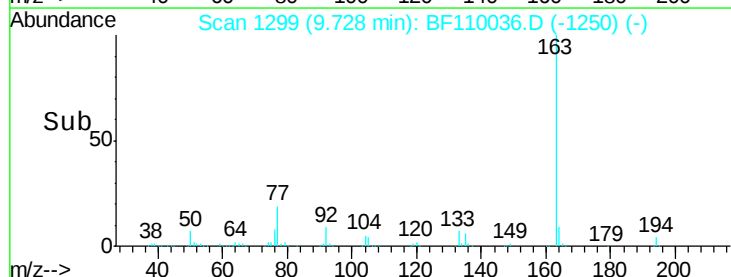
164 10.4 8.1 12.1

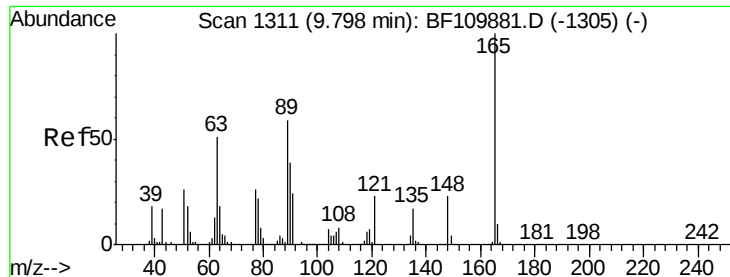


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





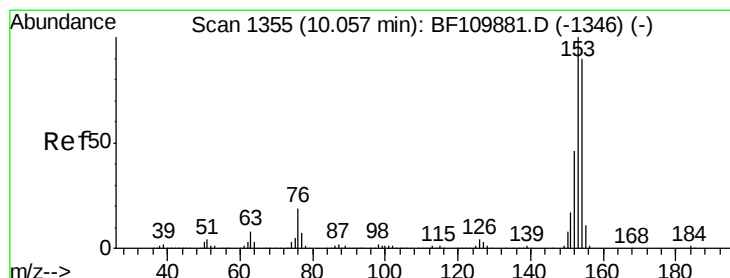
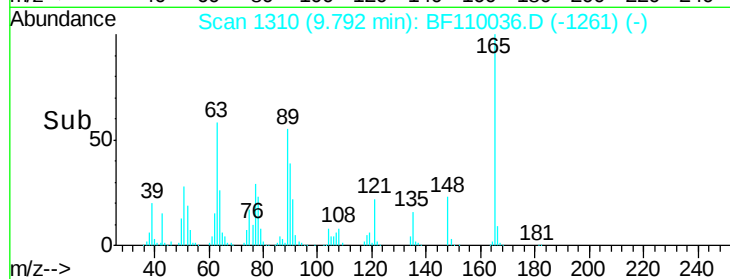
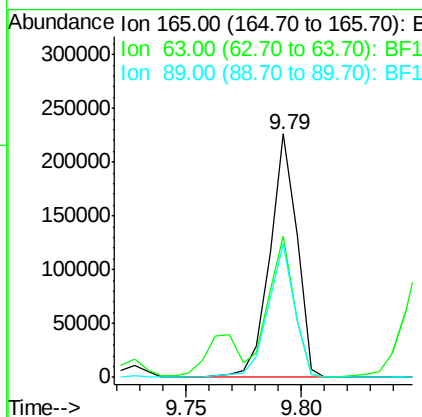
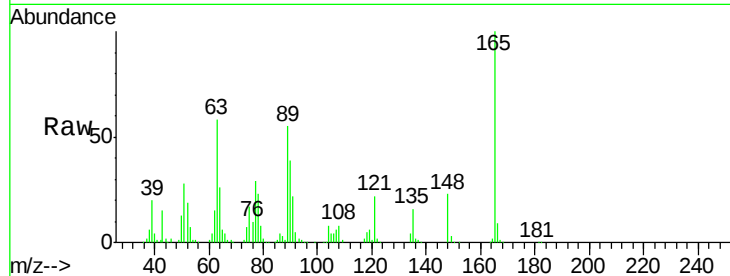
#51
 2,6-Dinitrotoluene
 Concen: 39.638 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	58.1	48.9	73.3
89	54.6	46.6	69.8

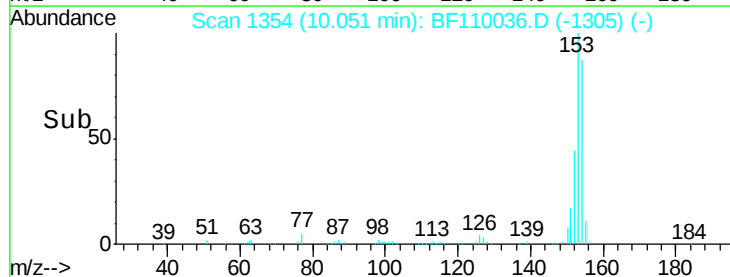
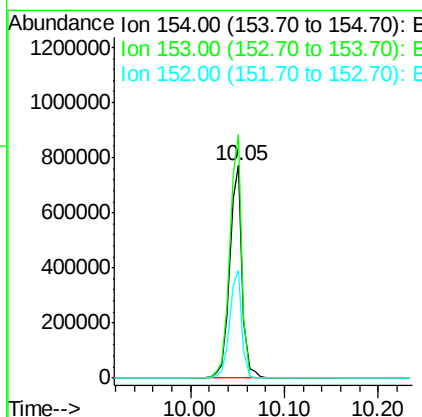
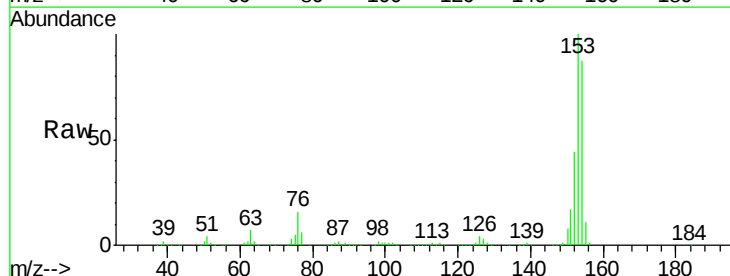
Manual Integrations
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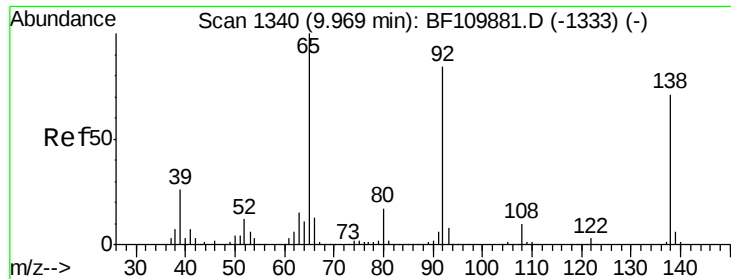
Sohil
 10/22/2018 2:55:57 PM



#52
 Acenaphthene
 Concen: 33.722 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	114.6	90.1	135.1
152	50.7	43.4	65.2





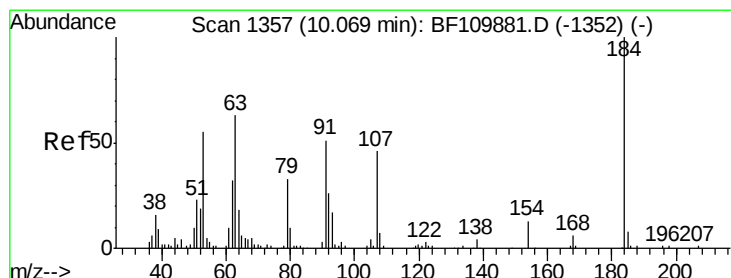
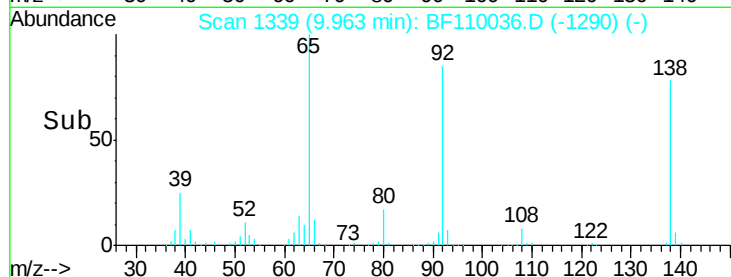
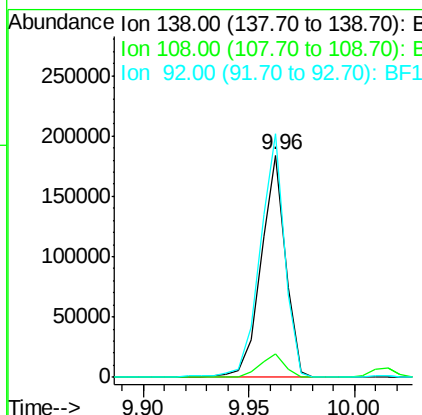
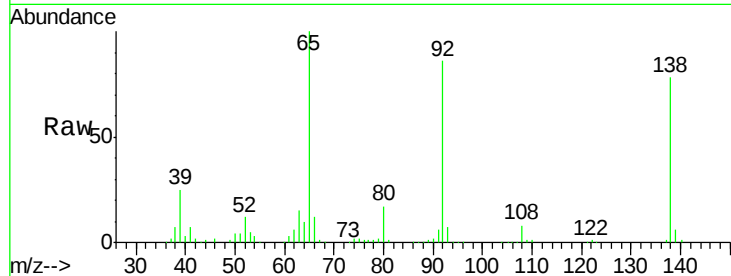
#53
3-Nitroaniline
Concen: 26.253 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.7	13.1
92	109.5	97.0	145.4

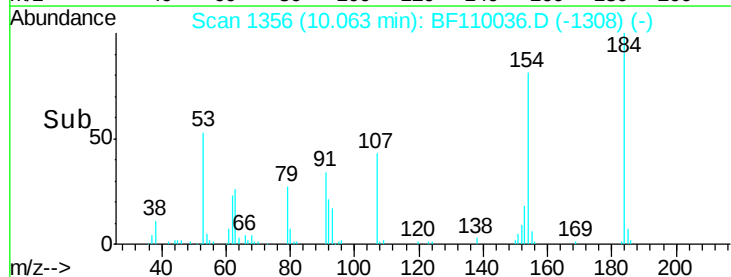
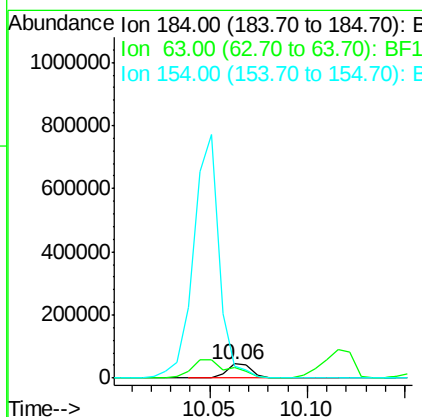
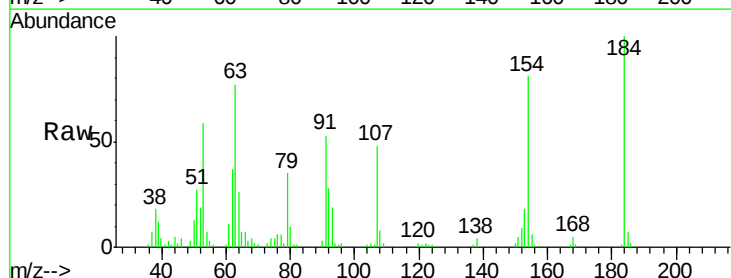
Manual Integrations
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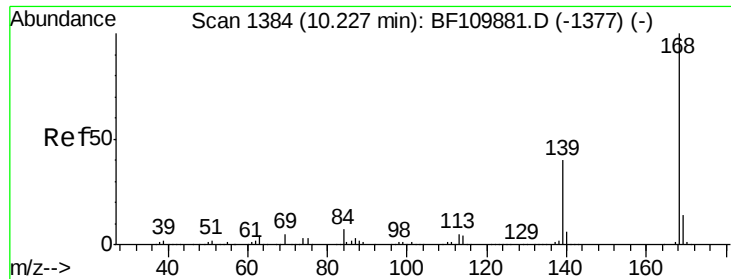
Sohil
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#54
2,4-Dinitrophenol
Concen: 32.815 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.6	55.8	83.6
154	81.2	63.2	94.8





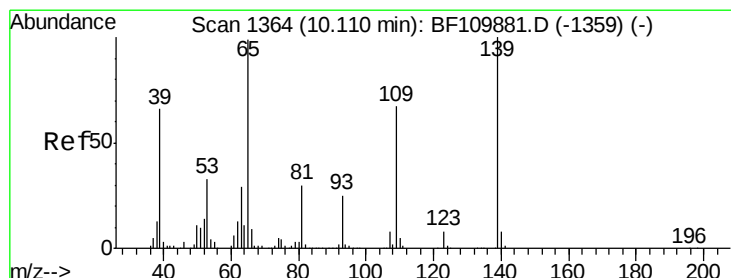
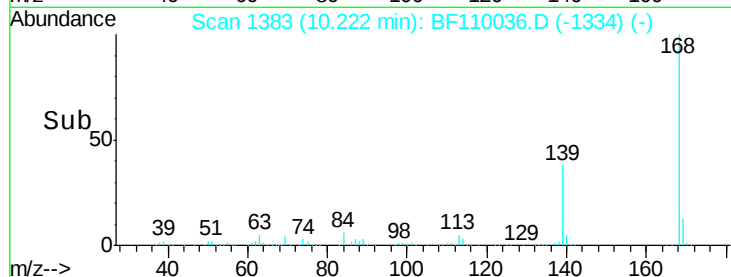
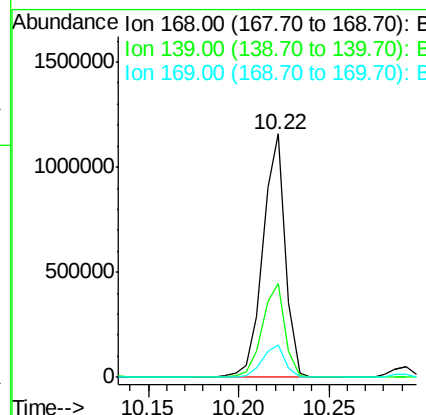
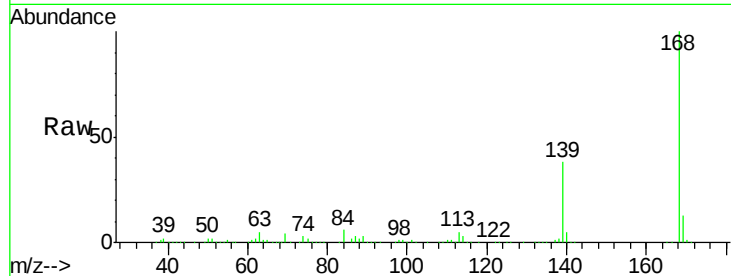
#55
Dibenzenofuran
Concen: 33.152 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	992592		
139	38.5	33.0	49.6	
169	13.5	11.3	16.9	

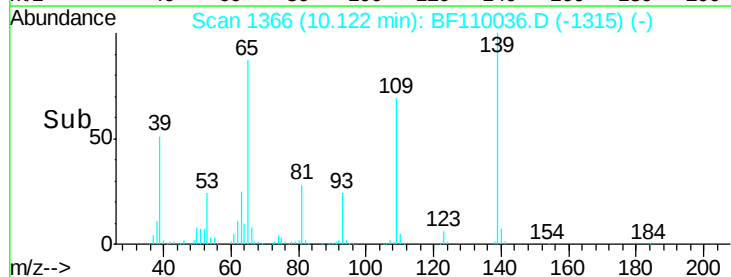
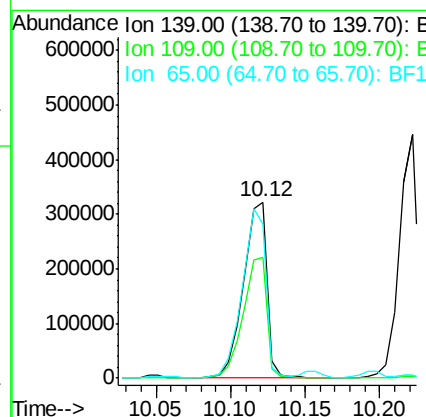
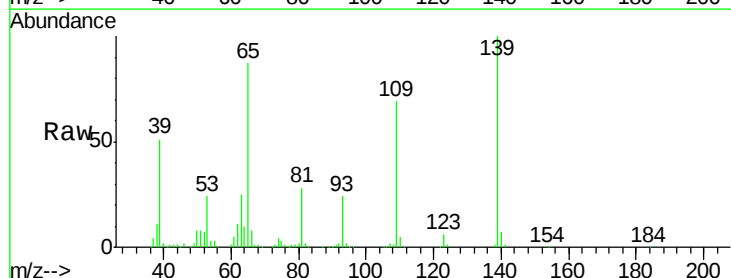
Manual Integrations
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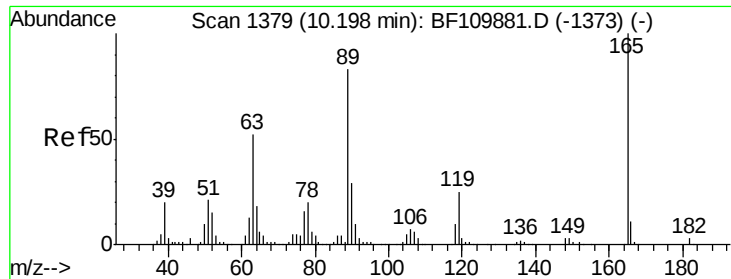
Sohil
10/22/2018 2:55:57 PM



#56
4-Nitrophenol
Concen: 82.517 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	356276		
109	68.5	55.8	95.8	
65	87.3	77.9	117.9	





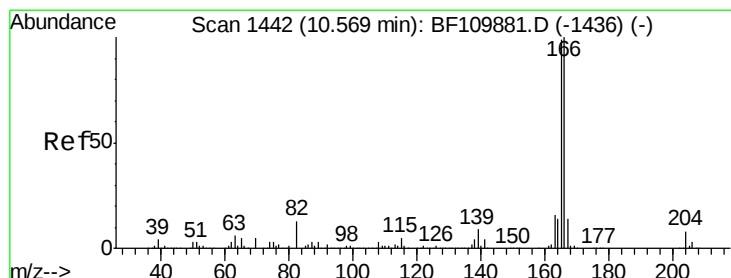
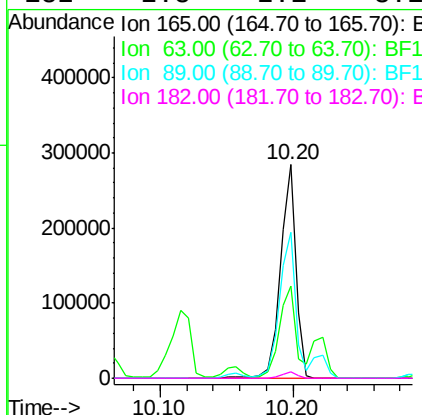
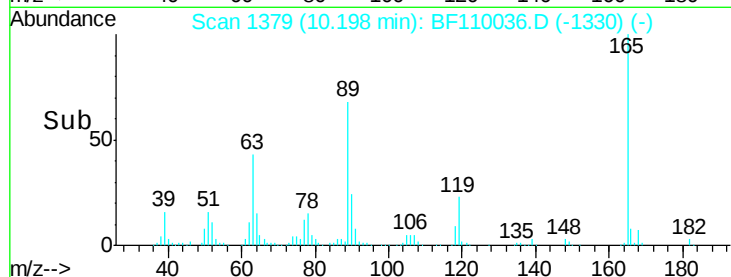
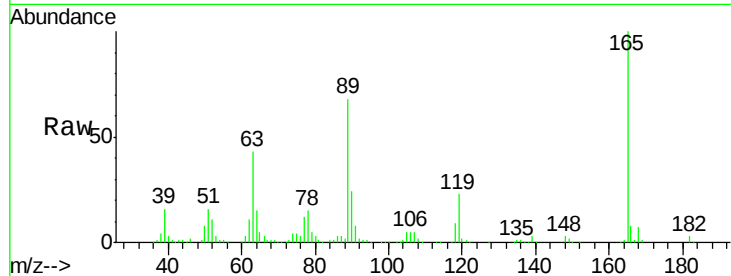
#57
 2,4-Dinitrotoluene
 Concen: 40.448 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	43.3	44.8	67.2#
89	68.3	62.2	93.4
182	2.8	2.1	3.1

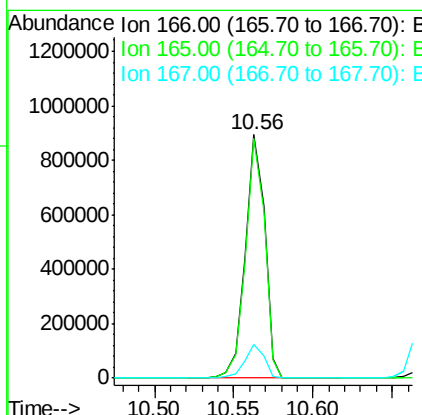
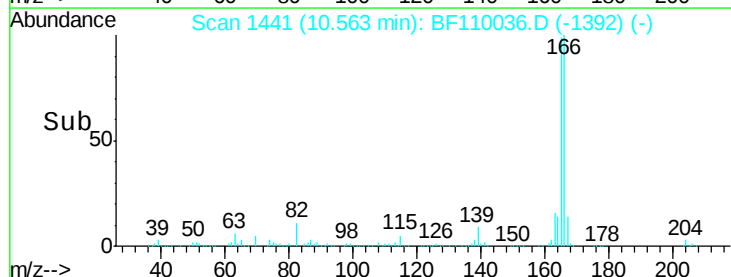
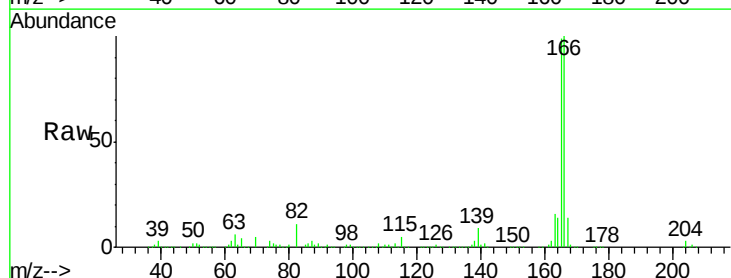
Manual Integrations
 APPROVED

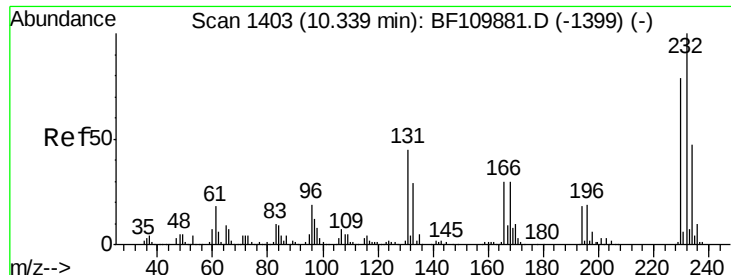
Sohil
 10/22/2018 2:55:57 PM



#58
 Fluorene
 Concen: 34.908 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.6	78.6	117.8
167	13.8	10.8	16.2





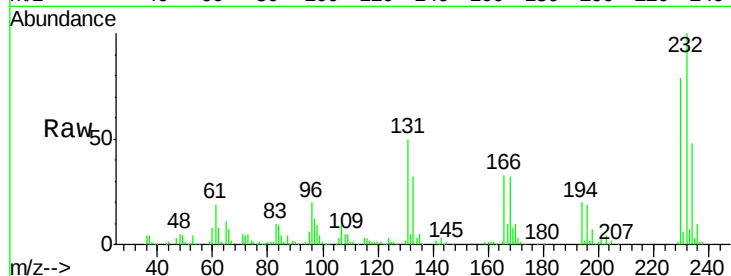
#59
2,3,4,6-Tetrachlorophenol
Concen: 33.222 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

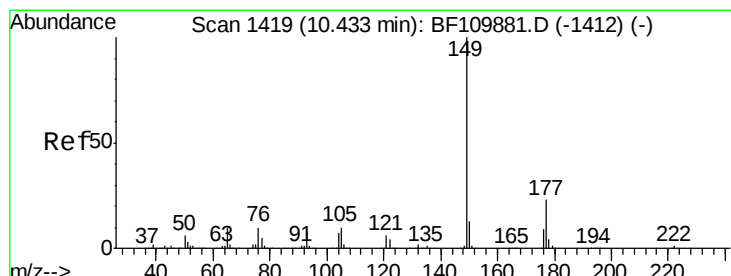
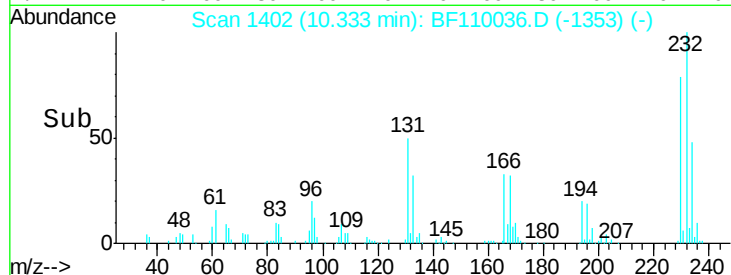
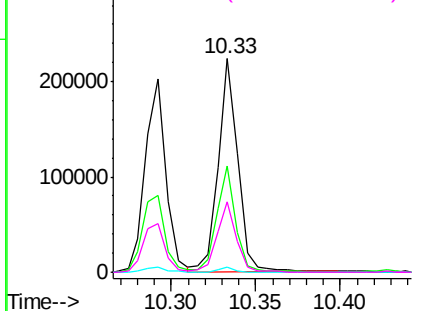
Tgt Ion:	232	Resp:	182034
Ion Ratio	Lower	Upper	
232	100		
131	48.2	37.0	55.4
130	2.1	1.8	2.6
166	32.4	22.0	33.0

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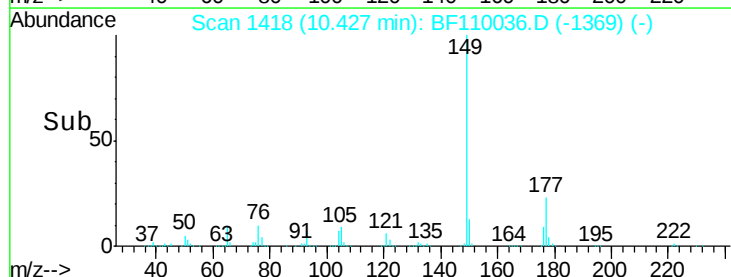
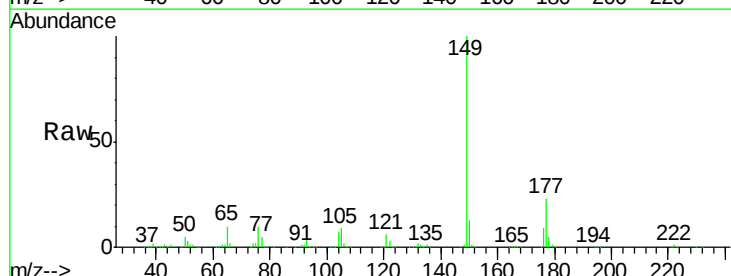
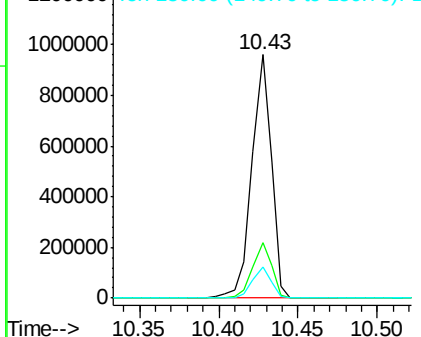
Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

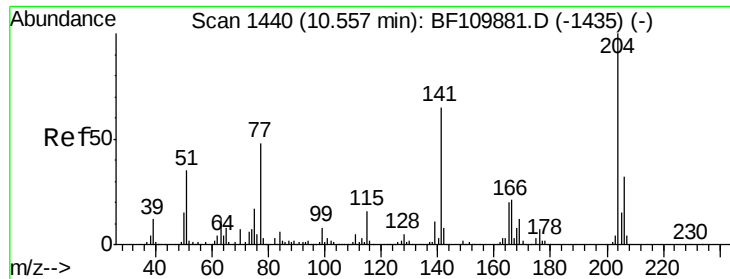


#60
Diethylphthalate
Concen: 33.811 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:	149	Resp:	817868
Ion Ratio	Lower	Upper	
149	100		
177	22.8	17.4	26.2
150	12.7	9.8	14.8

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





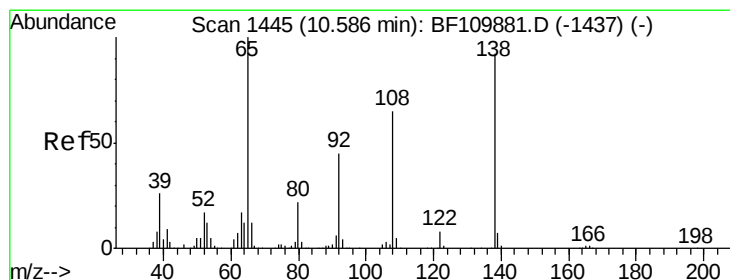
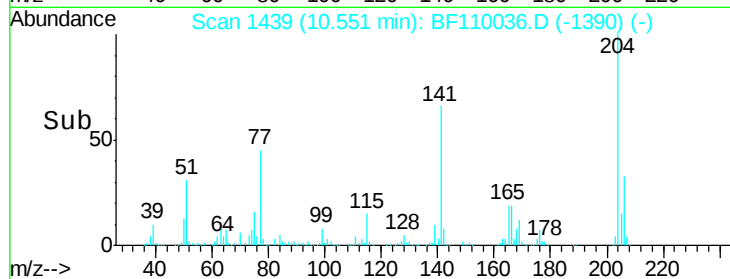
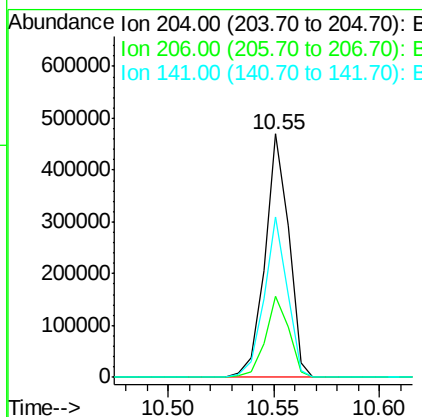
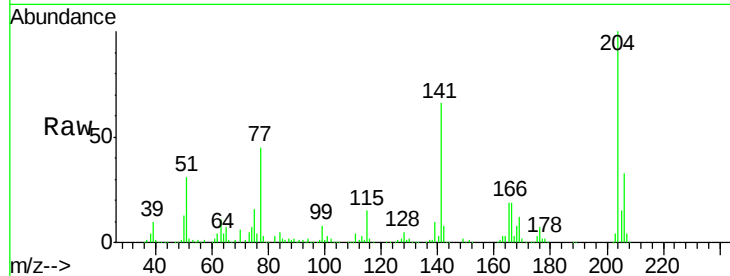
#61
4-Chlorophenyl-phenylether
Concen: 32.465 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	65.8	51.8	77.8

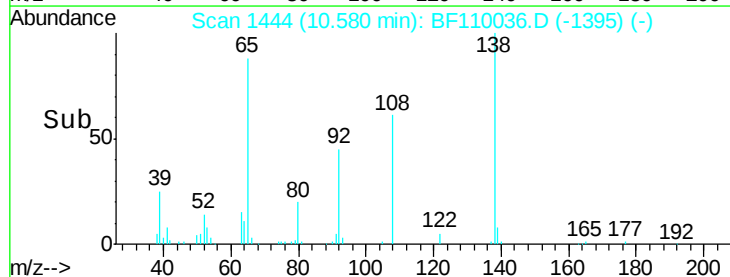
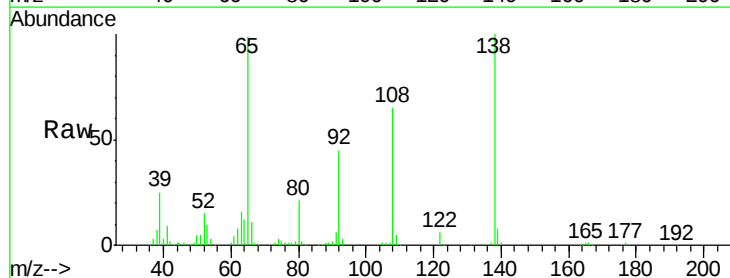
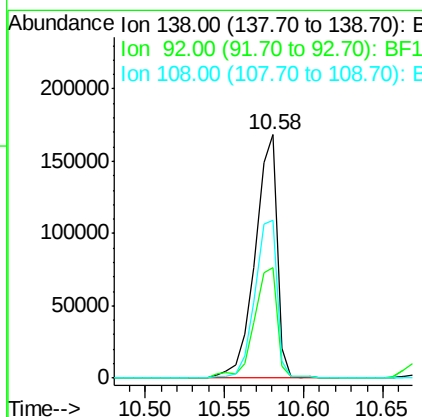
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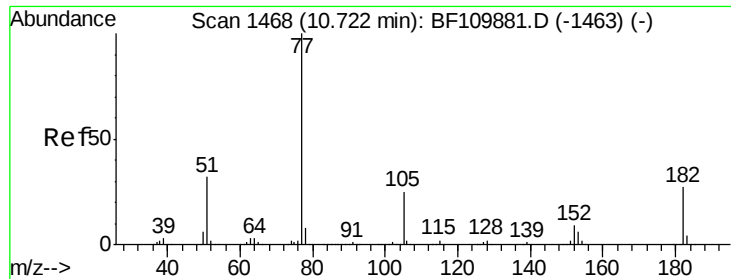
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#62
4-Nitroaniline
Concen: 30.642 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.2	31.7	71.7
108	65.0	59.3	99.3





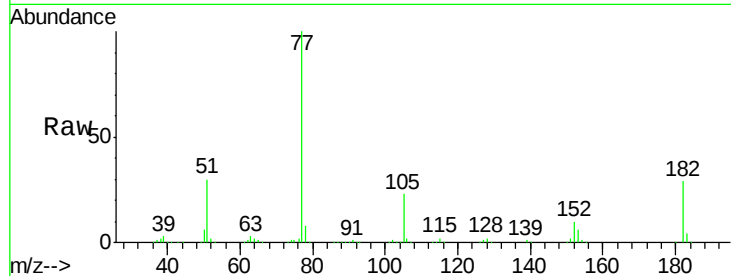
#63
Azobenzene
Concen: 31.195 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

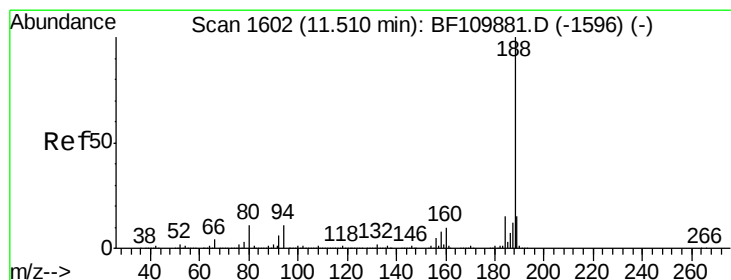
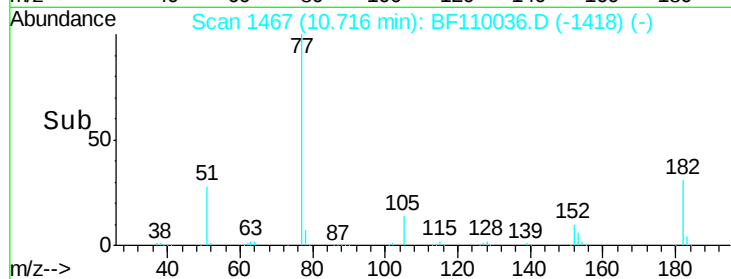
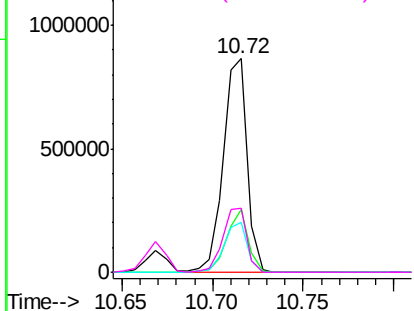
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	788305		
182	29.2	4.3	44.3	
105	23.4	1.3	41.3	
51	29.7	9.0	49.0	

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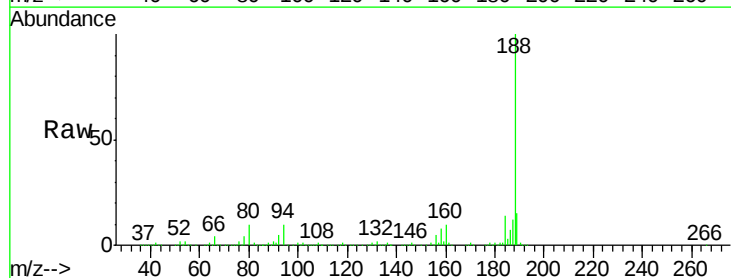


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

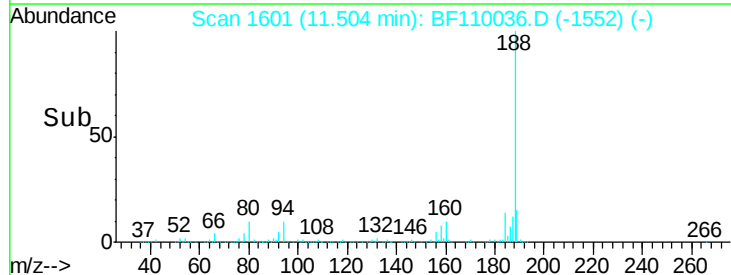
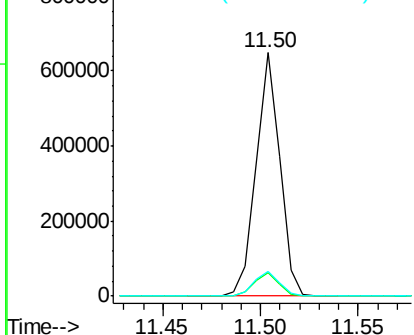


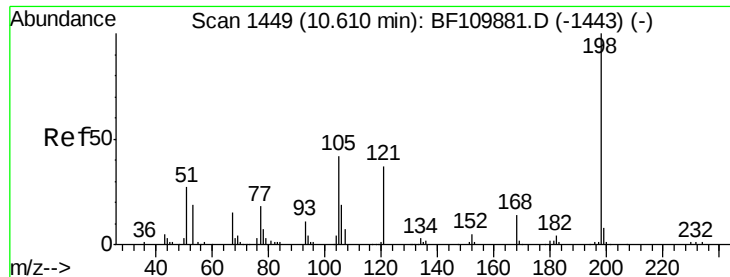
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	549648		
94	9.6	7.2	10.8	
80	10.4	7.9	11.9	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





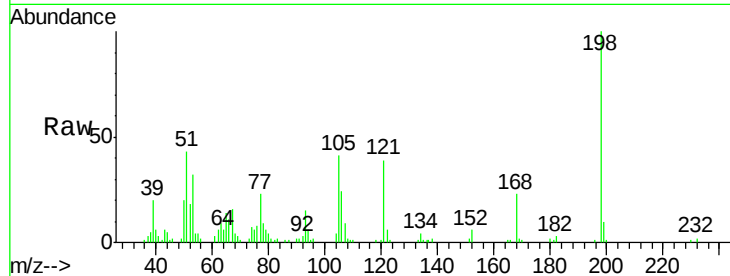
#65
4,6-Dinitro-2-methylphenol
Concen: 22.354 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

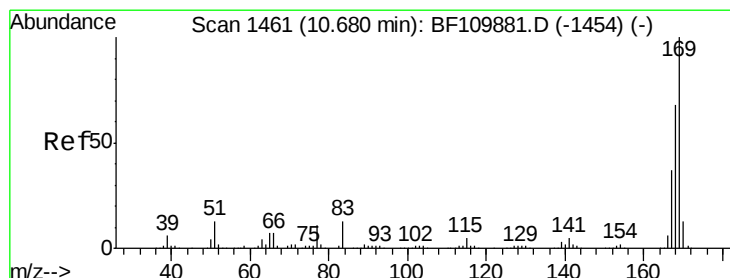
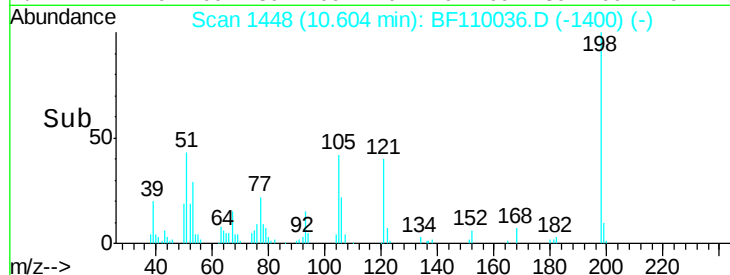
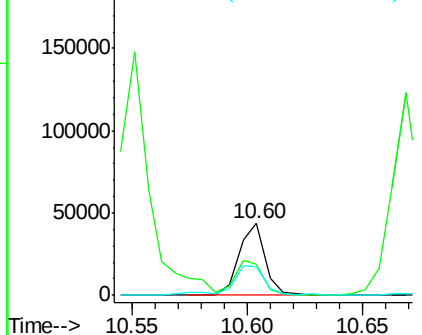
Tgt Ion	Ratio	Lower	Upper
198	100		
51	42.6	22.8	62.8
105	40.6	23.6	63.6

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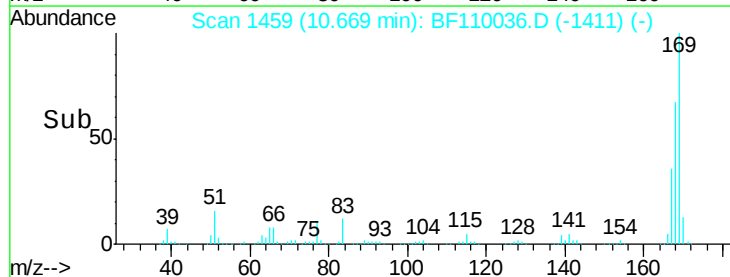
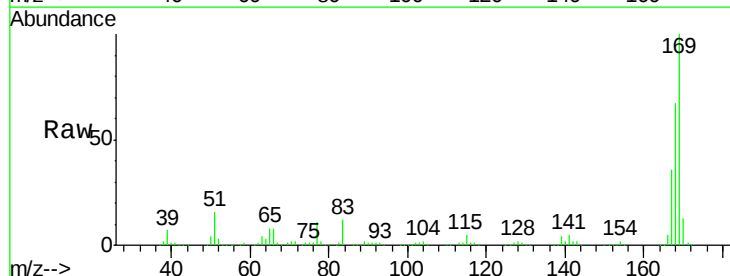
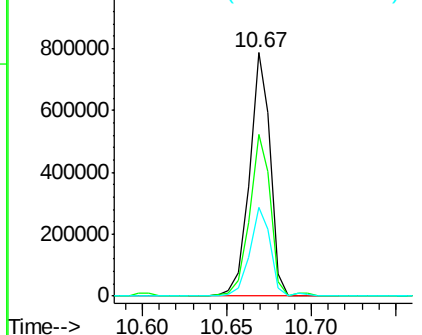
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

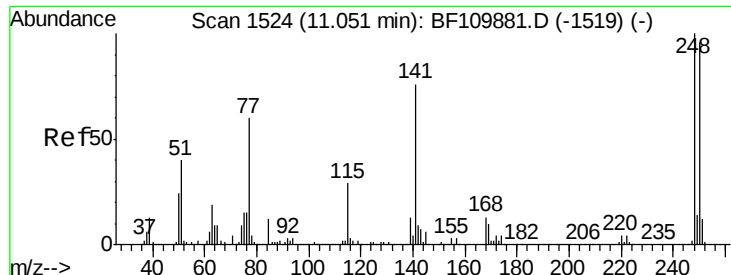


#66
n-Nitrosodiphenylamine
Concen: 36.953 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	51.2	76.8
167	36.2	27.8	41.6

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





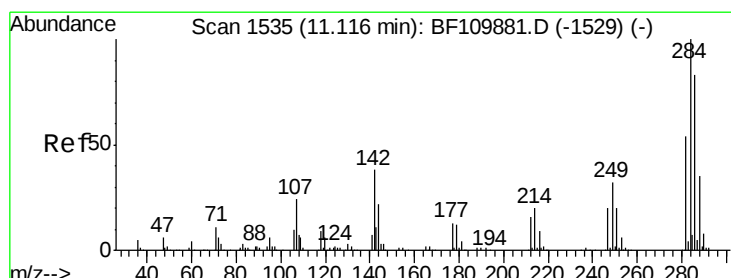
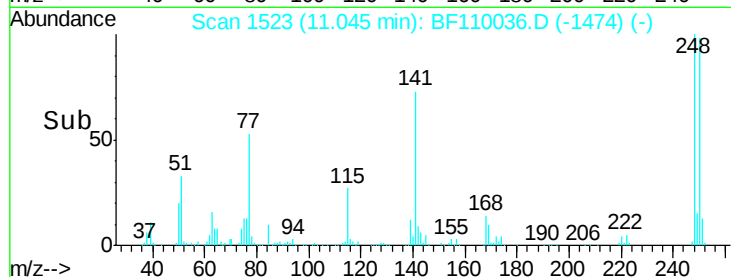
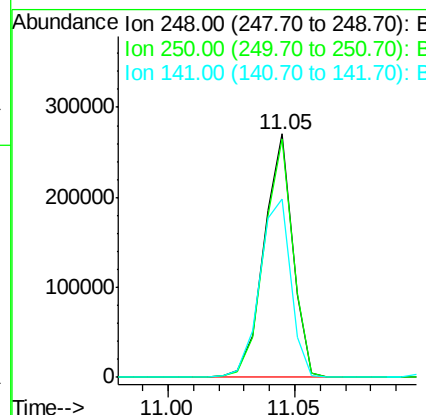
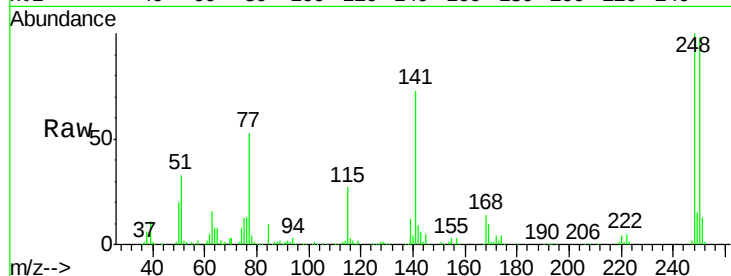
#67
 4-Bromophenyl-phenylether
 Concen: 36.062 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	214814		
250	97.8	79.4	119.2	
141	73.5	55.9	83.9	

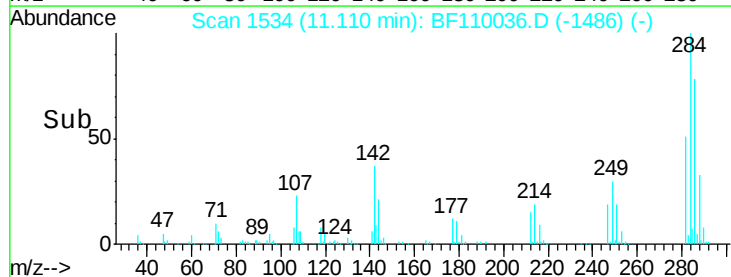
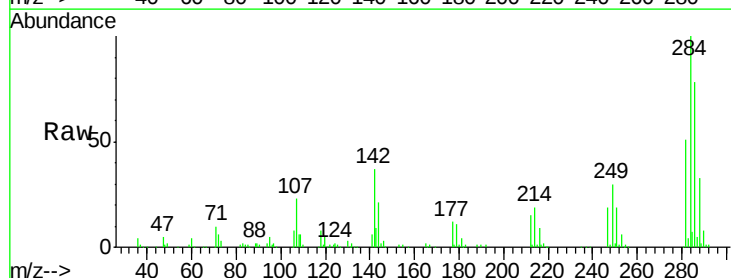
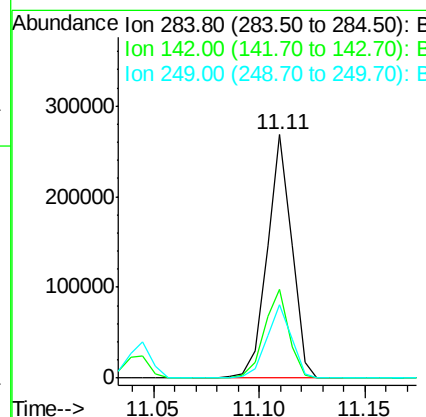
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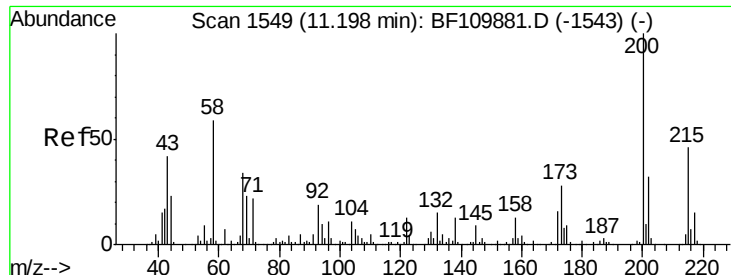
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#68
 Hexachlorobenzene
 Concen: 34.099 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.02 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	216599		
142	36.6	23.9	35.9#	
249	30.3	24.2	36.2	





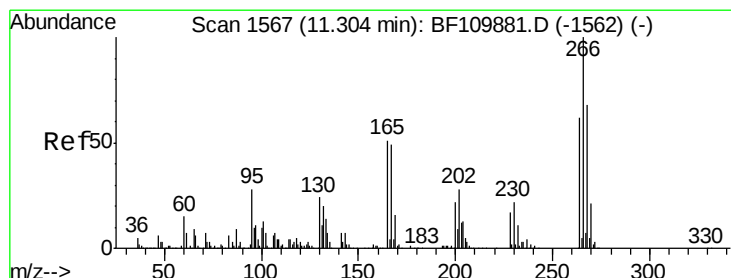
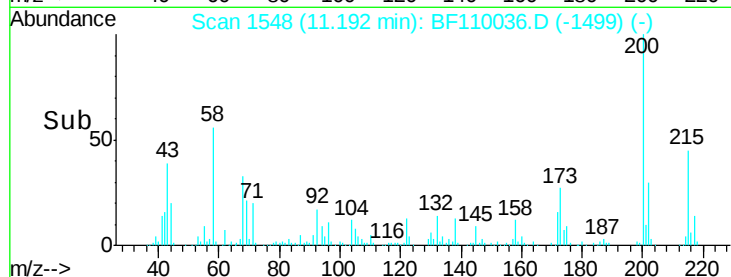
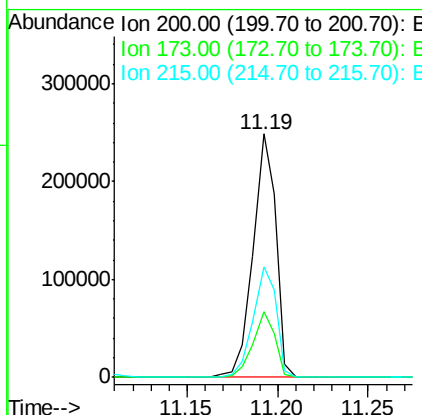
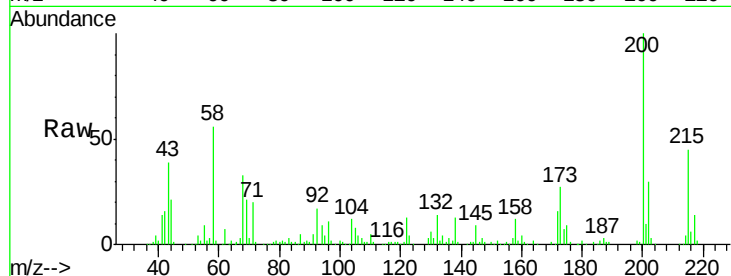
#69
 Atrazine
 Concen: 38.035 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.9	6.6	46.6
215	45.2	26.3	66.3

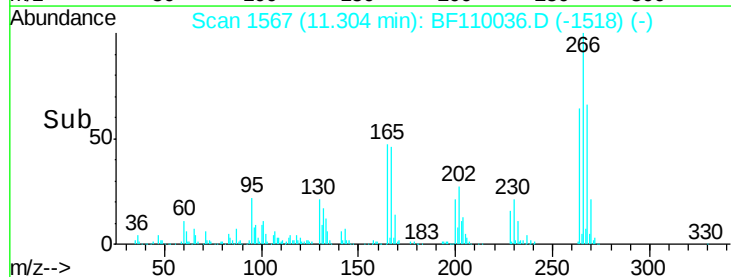
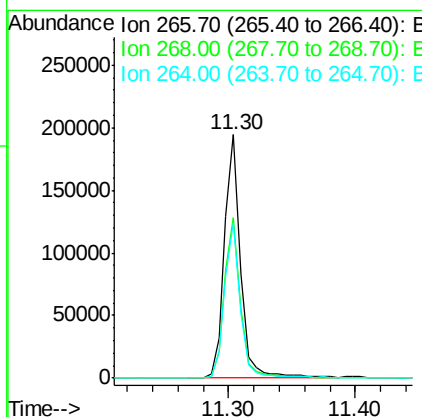
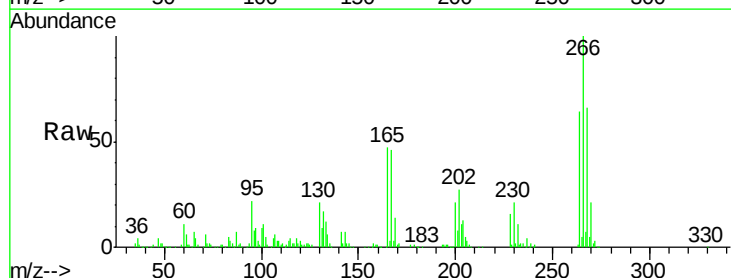
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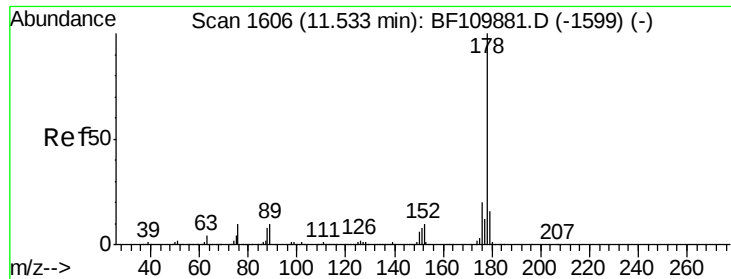
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#70
 Pentachlorophenol
 Concen: 47.838 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.0	50.6	75.8
264	63.7	50.6	75.8





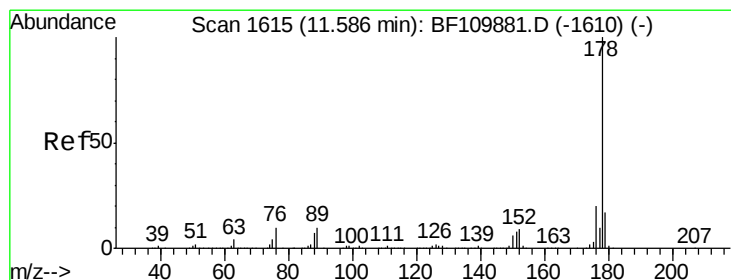
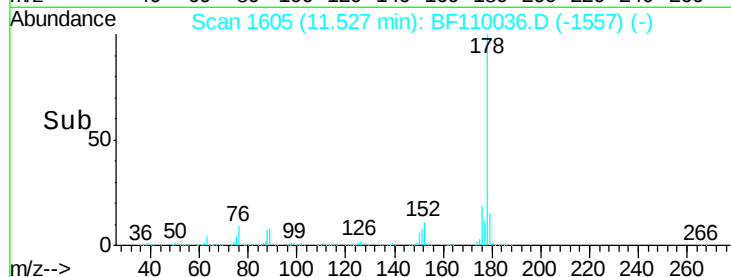
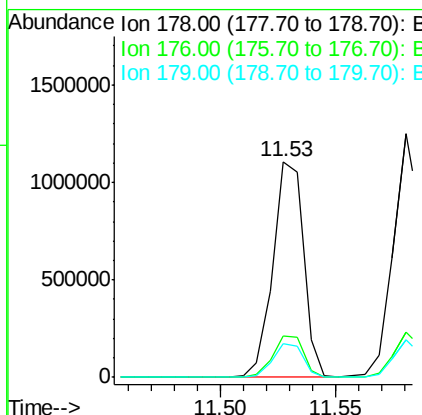
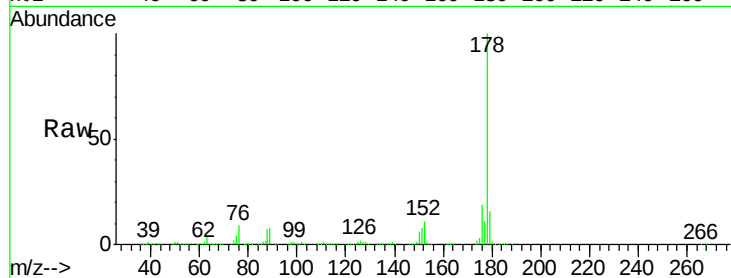
#71
Phenanthrene
Concen: 35.996 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

Tgt Ion:178 Resp: 1024295
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.7 12.5 18.7

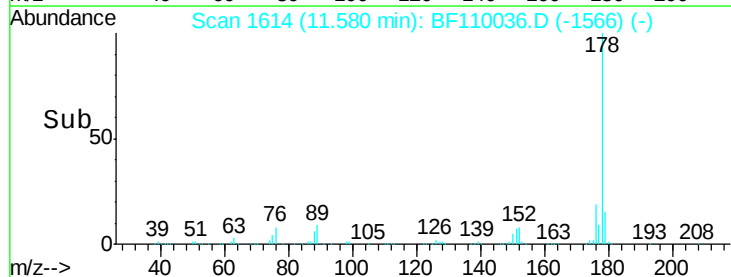
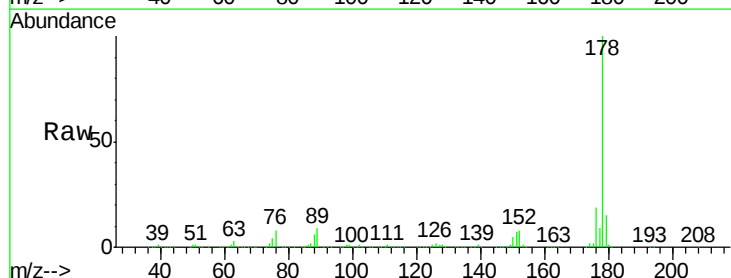
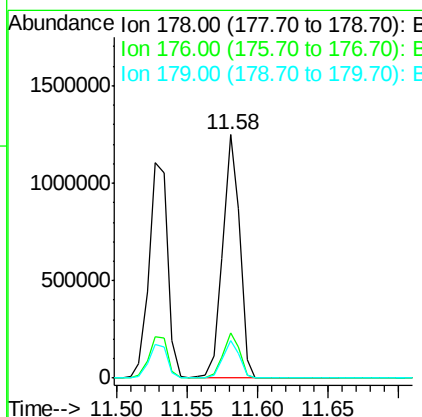
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#72
Anthracene
Concen: 36.670 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:178 Resp: 1049075
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.3 12.6 18.8





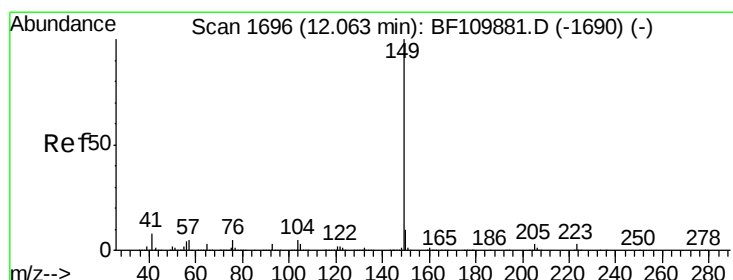
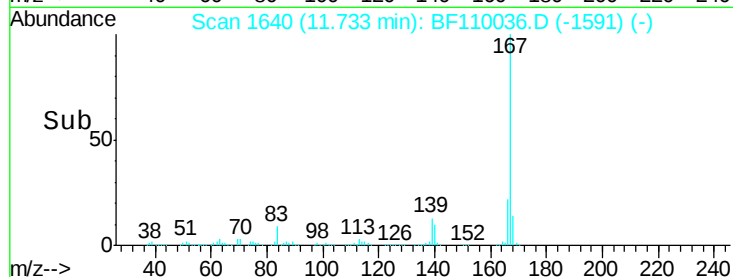
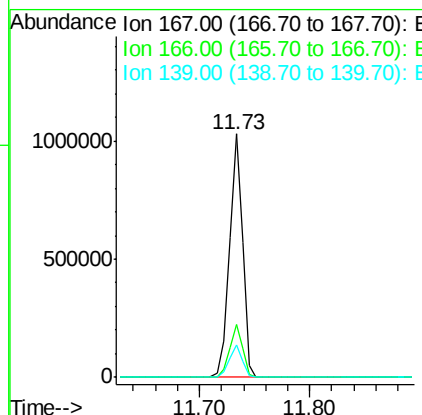
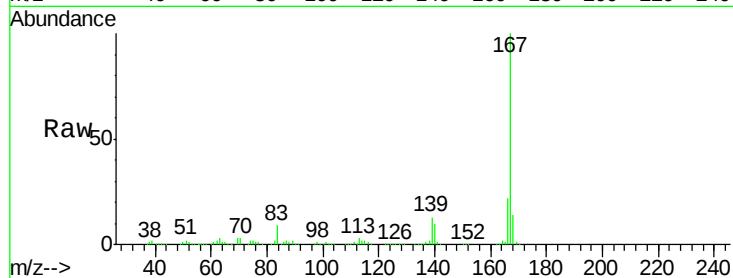
#73
 Carbazole
 Concen: 30.505 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.5	10.9	16.3

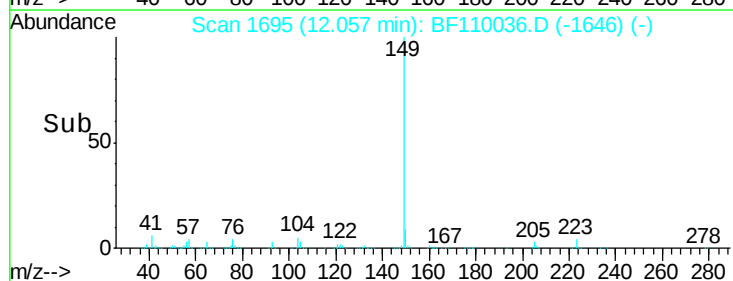
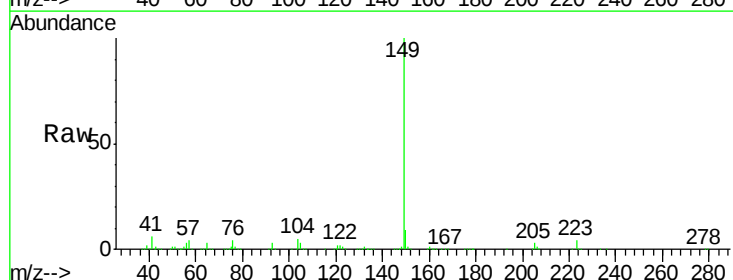
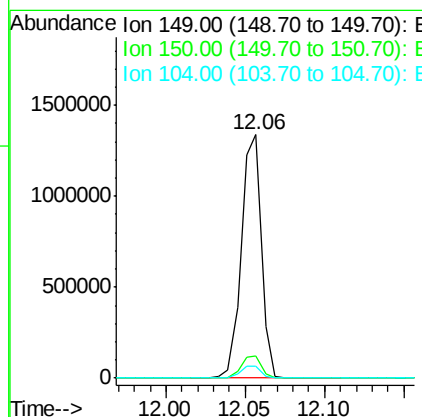
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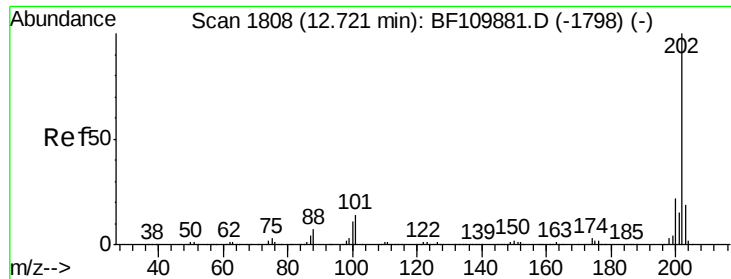
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#74
 Di-n-butylphthalate
 Concen: 37.300 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.8	4.2	6.4





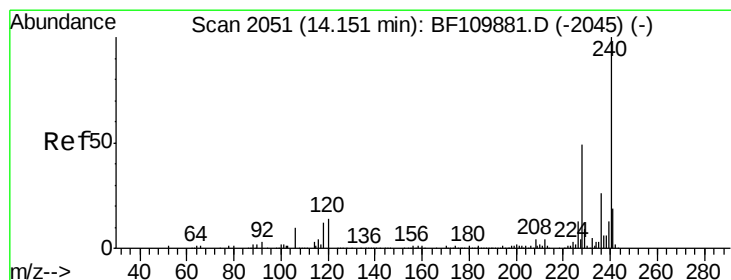
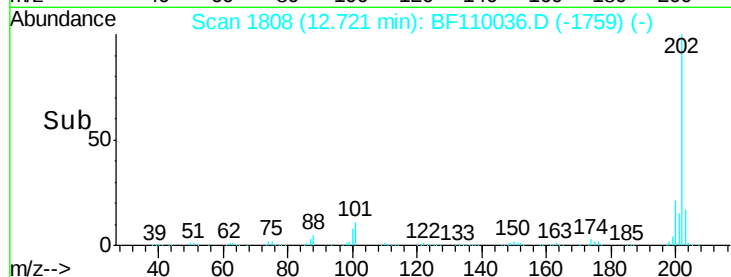
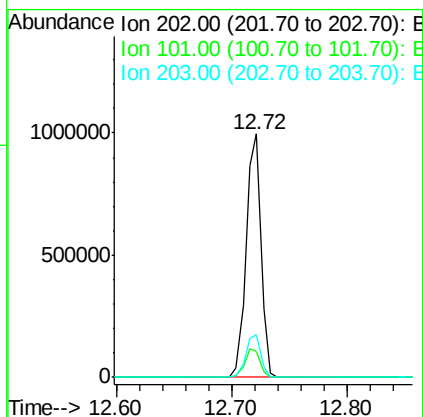
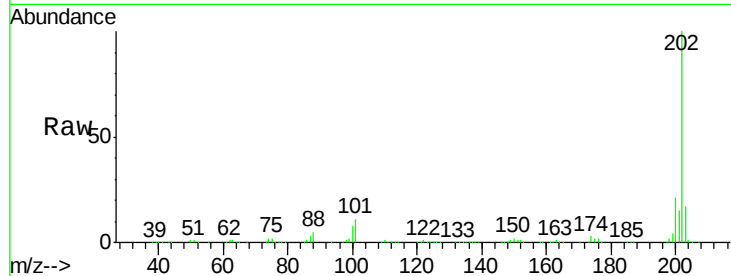
#75
Fluoranthene
Concen: 31.152 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.5	0.0	31.4
203	17.4	0.0	37.7

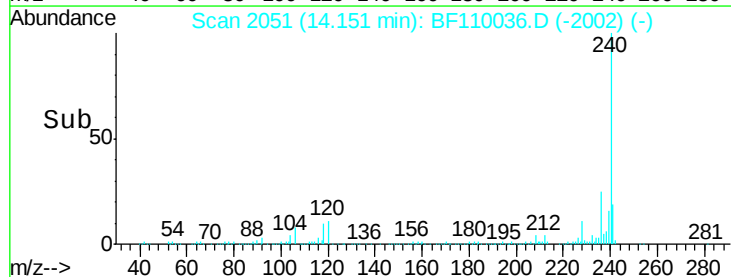
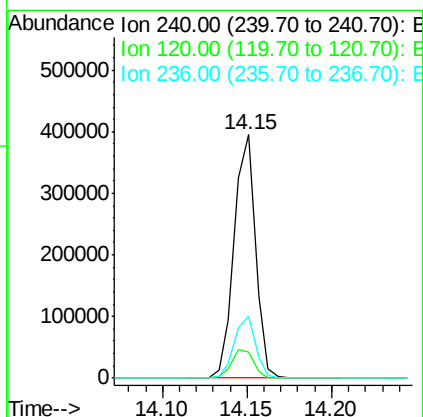
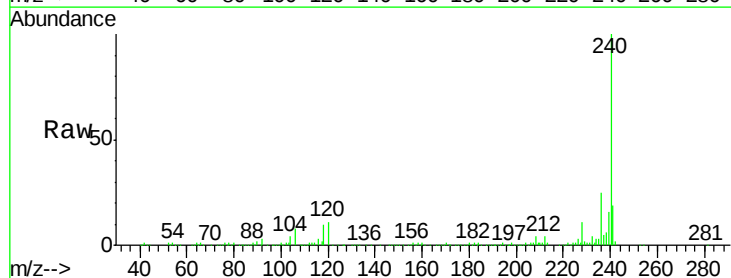
Manual Integrations
APPROVED

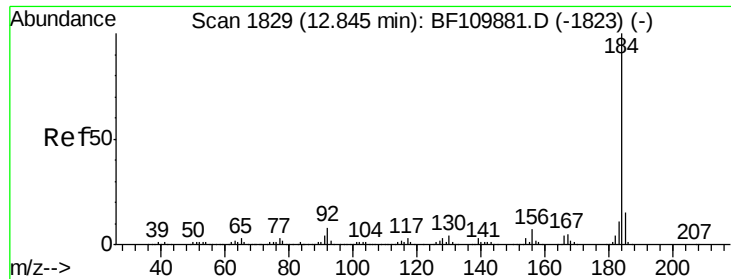
Sohil
10/22/2018 2:55:57 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.6	8.3	12.5
236	25.4	21.2	31.8





#77

Benzidine

Concen: 34.655 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

Instrument :

BNA_F

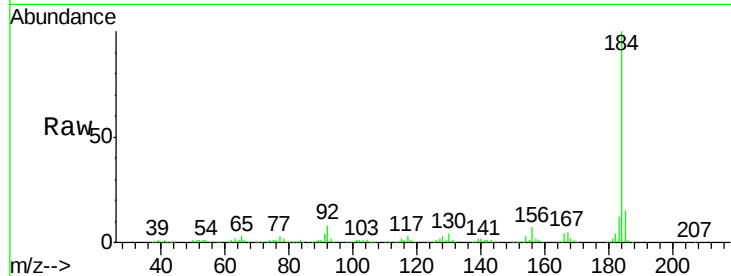
ClientSampleId :

PB113996BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	461491		
185	15.1	13.4	20.2	
183	11.8	9.4	14.2	

Manual Integrations
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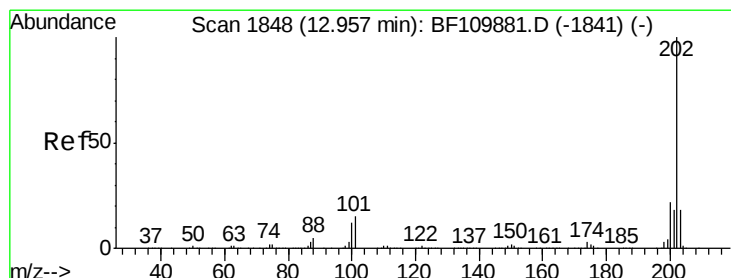
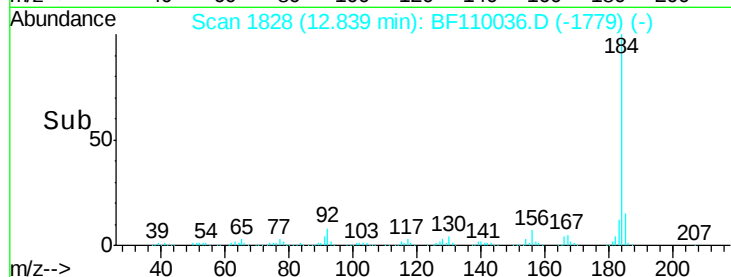
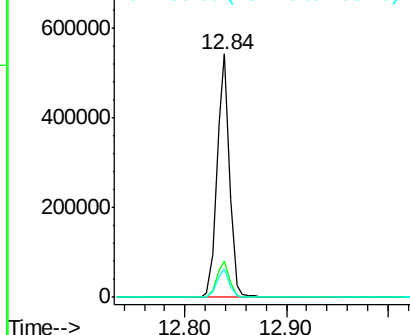
Sohil
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 33.857 ng

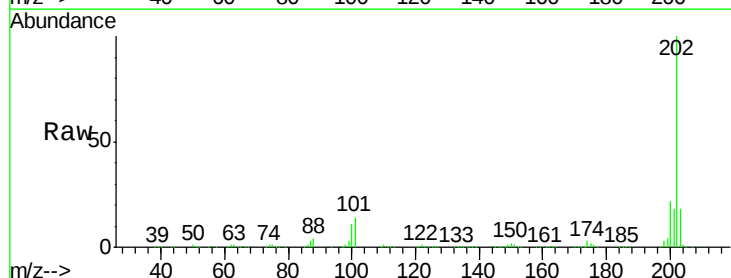
RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

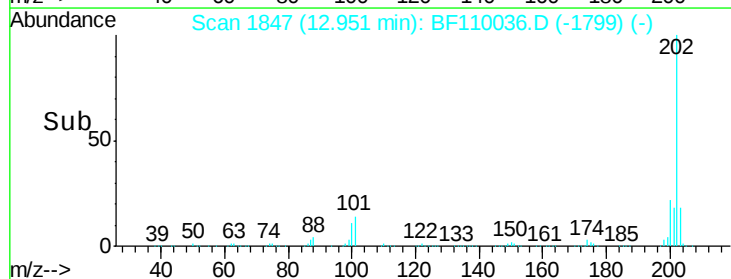
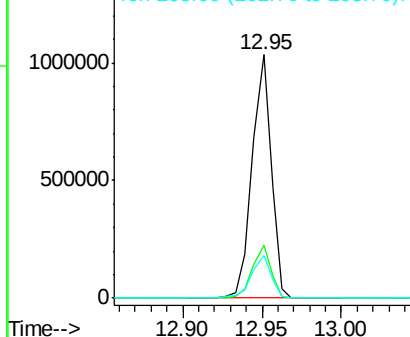
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	863682		
200	21.5	17.8	26.6	
203	17.6	14.2	21.4	



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





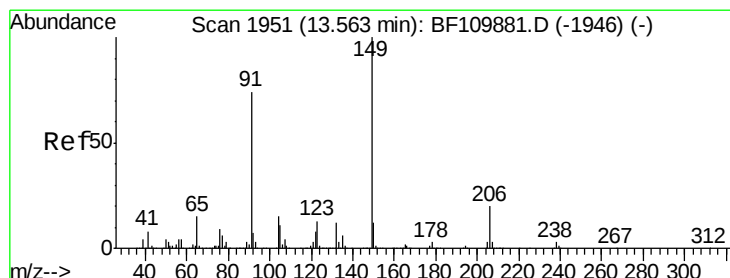
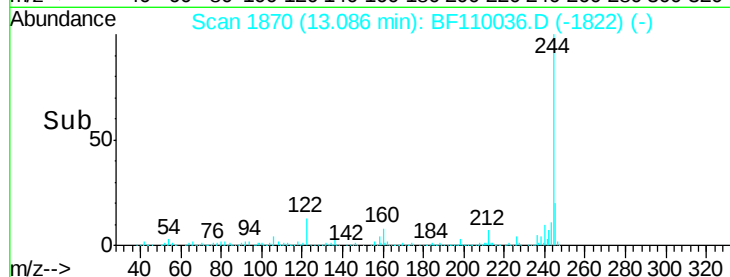
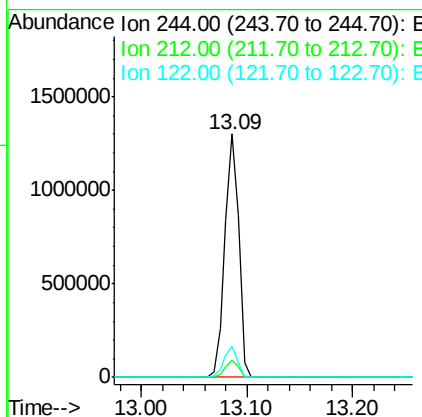
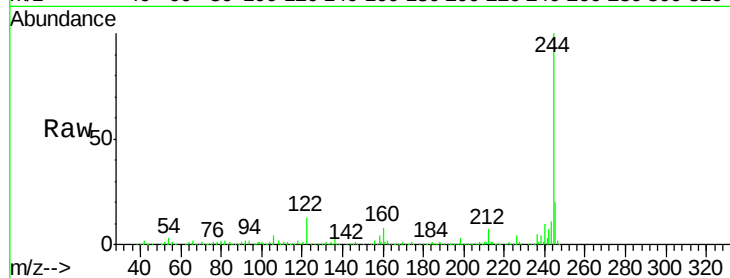
#79
 Terphenyl-d14
 Concen: 72.297 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.7	8.7	13.1

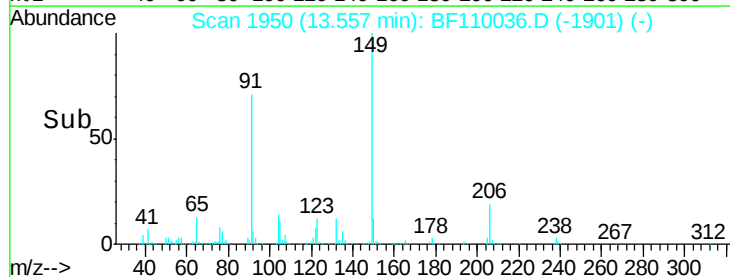
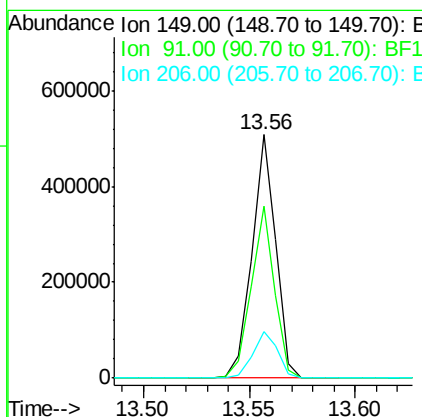
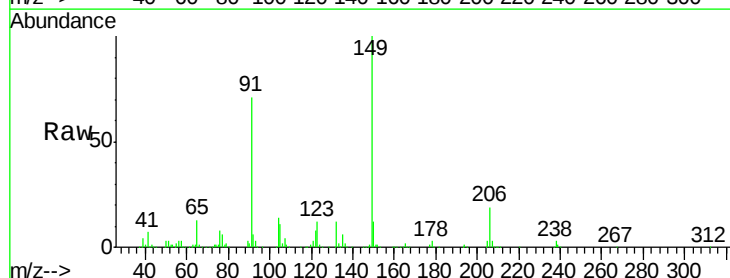
Manual Integrations
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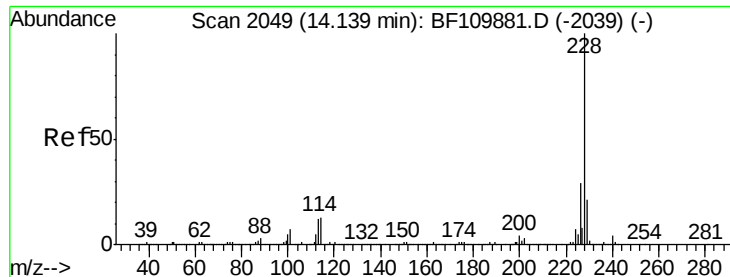
Sohil
 10/22/2018 2:55:57 PM



#80
 Butylbenzylphthalate
 Concen: 38.515 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF110036.D
 Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.6	57.2	85.8
206	19.2	15.7	23.5





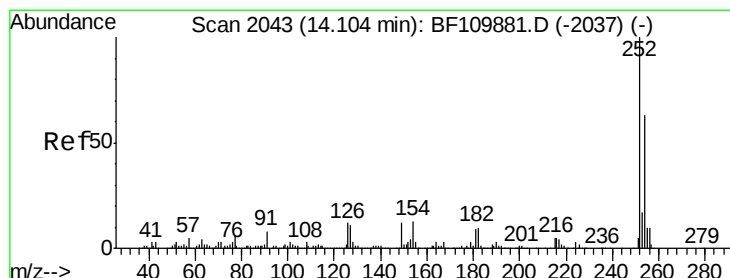
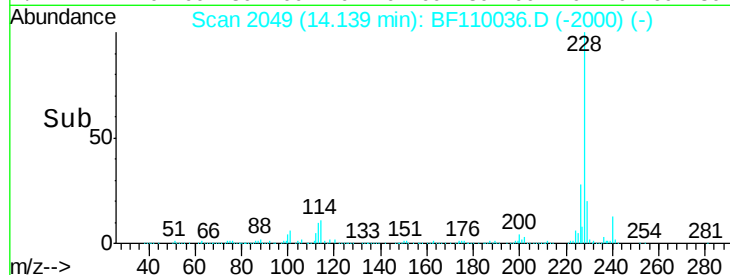
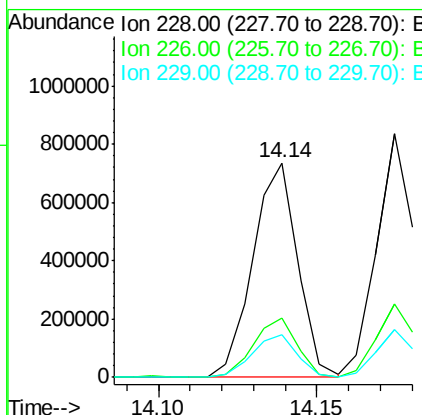
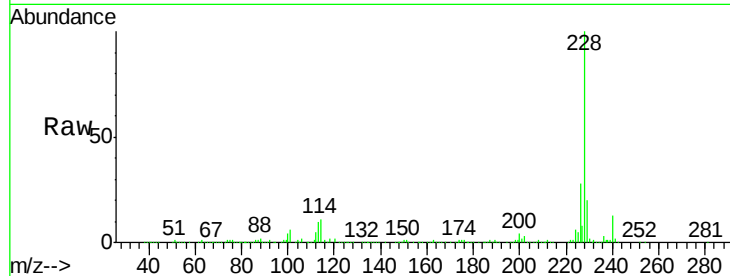
#81
Benzo(a)anthracene
Concen: 35.293 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	19.7	15.6	23.4

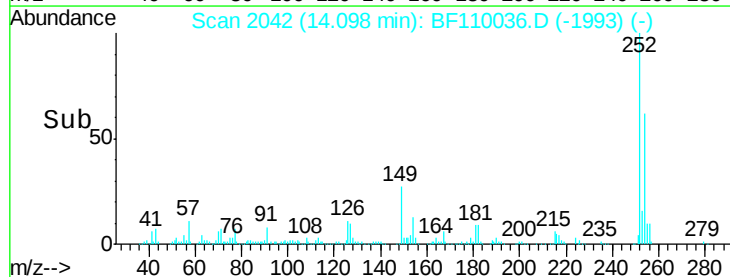
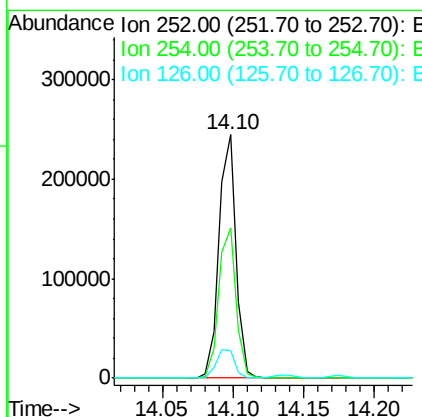
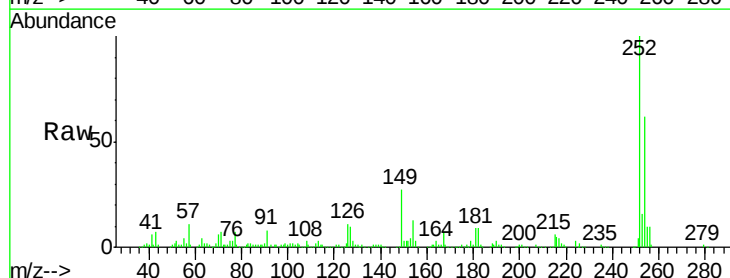
Manual Integrations
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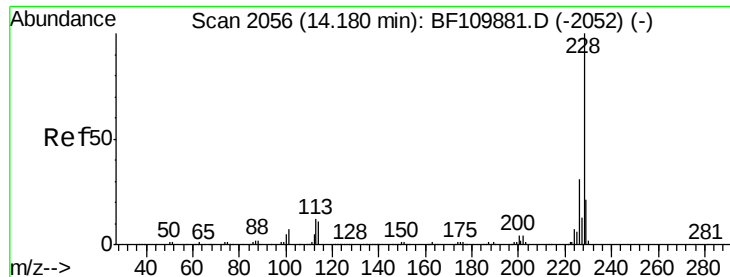
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 28.593 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.7	51.3	76.9
126	11.1	9.4	14.2





#83

Chrysene

Concen: 34.766 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

Instrument :

BNA_F

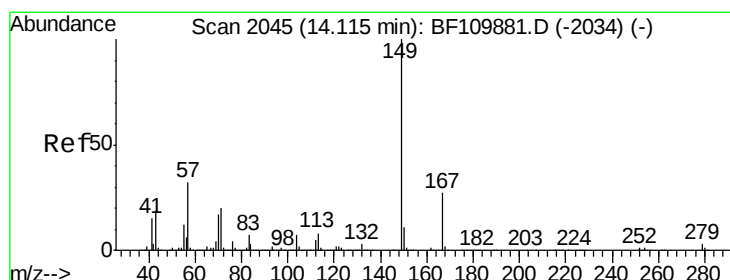
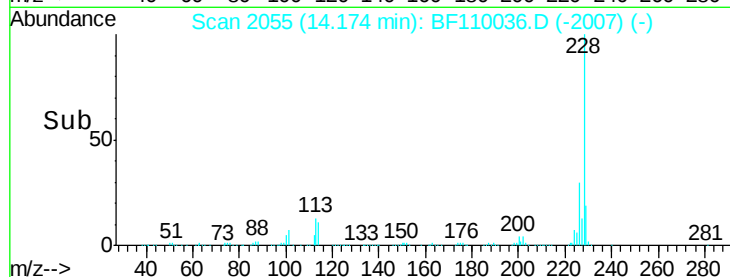
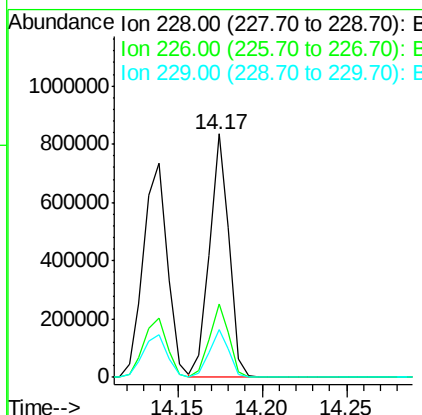
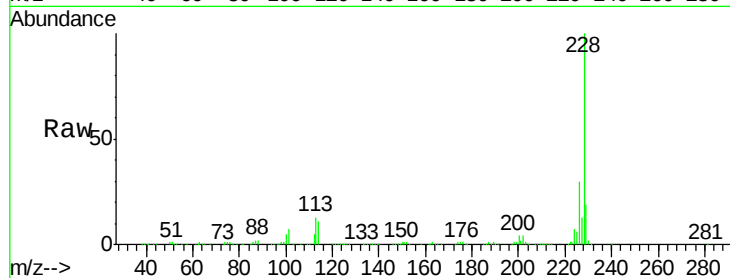
ClientSampleId :

PB113996BS

Tgt Ion:	228	Resp:	676996
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.7	37.1
229	19.4	15.9	23.9

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 40.260 ng

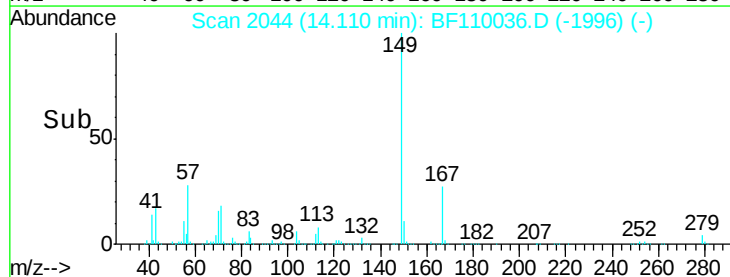
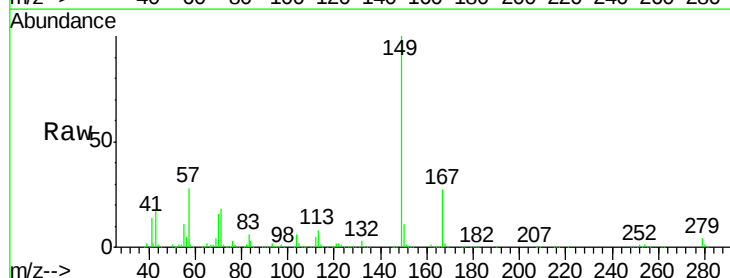
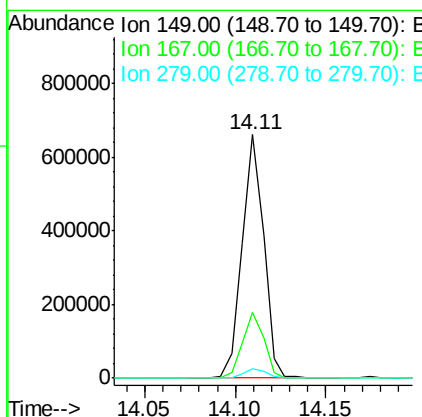
RT: 14.11 min Scan# 2044

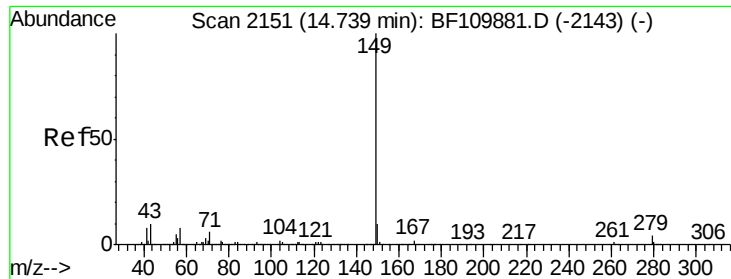
Delta R.T. -0.02 min

Lab File: BF110036.D

Acq: 20 Oct 2018 7:24

Tgt Ion:	149	Resp:	546352
Ion Ratio	Lower	Upper	
149	100		
167	26.8	19.8	29.8
279	3.7	2.7	4.1





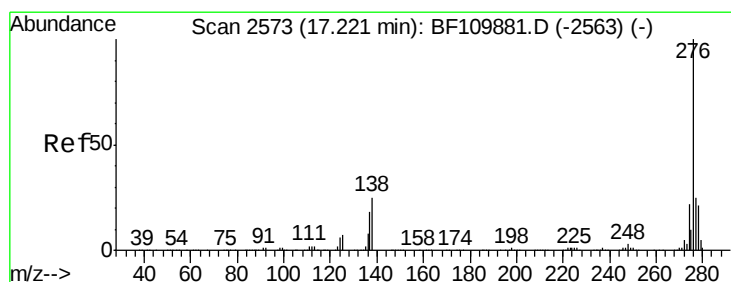
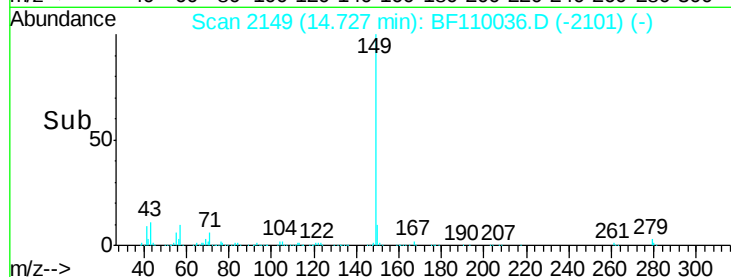
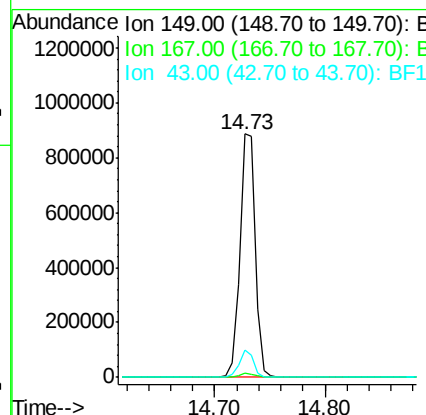
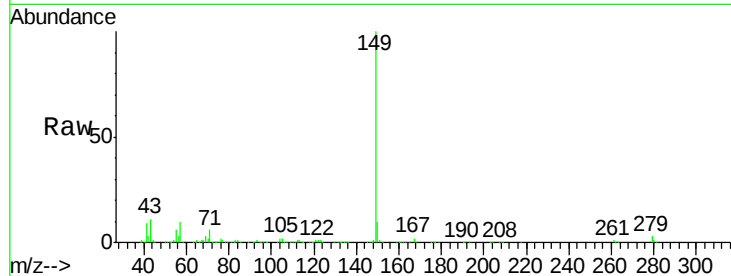
#85
Di-n-octyl phthalate
Concen: 45.282 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.1	1.7
43	10.1	7.8	11.8

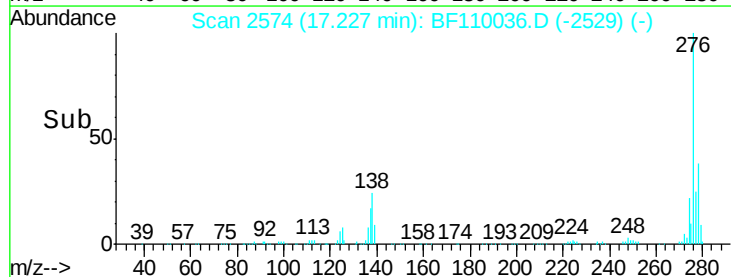
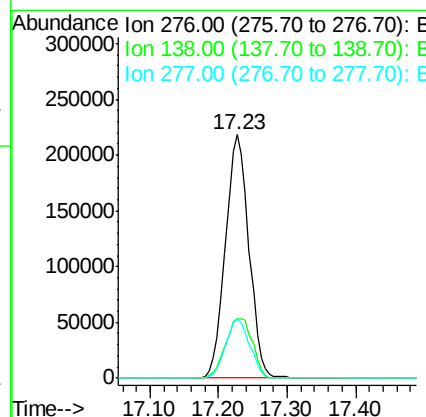
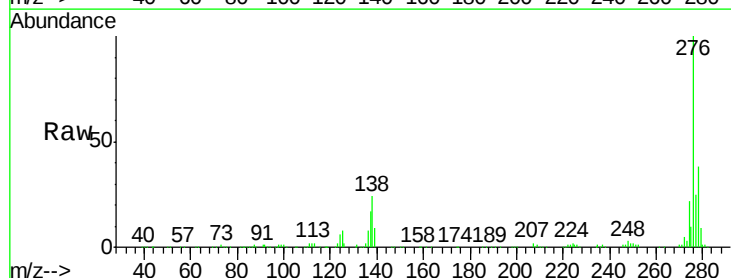
Manual Integrations
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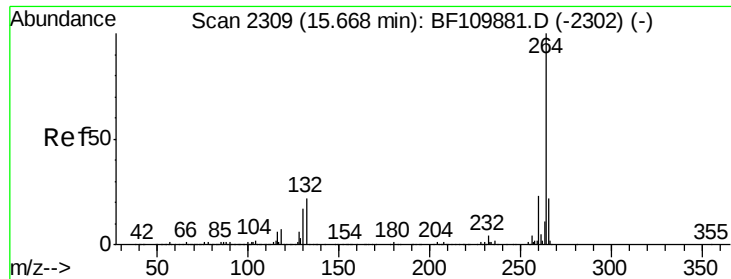
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 33.075 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.04 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	28.0	18.5	27.7#
277	25.0	20.0	30.0





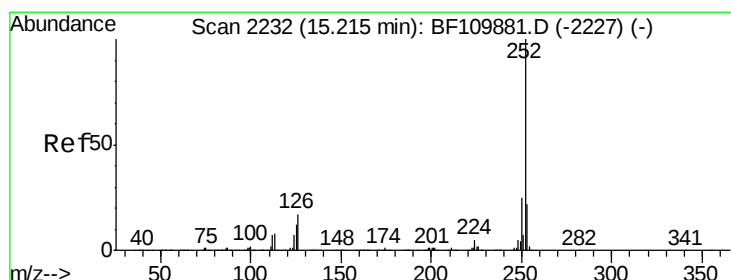
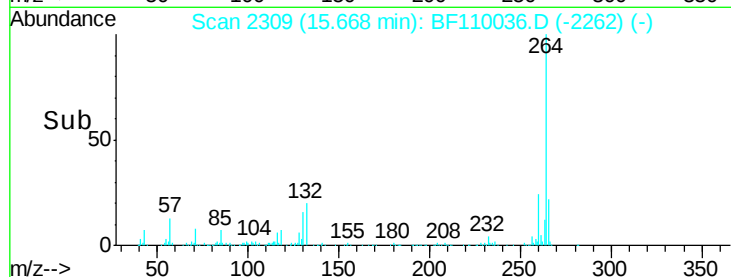
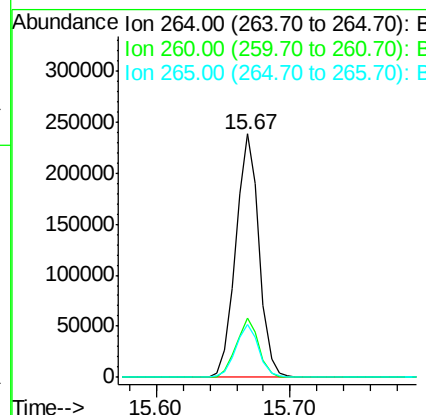
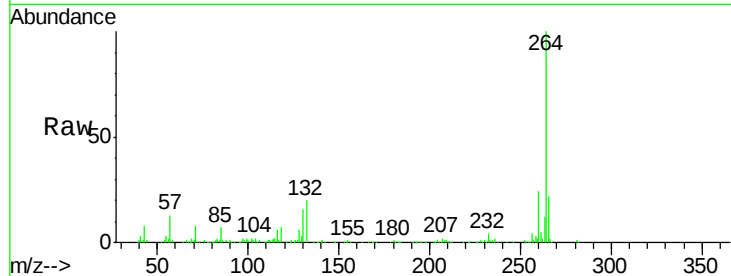
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	290455		
260	24.1	18.7	28.1	
265	21.9	16.7	25.1	

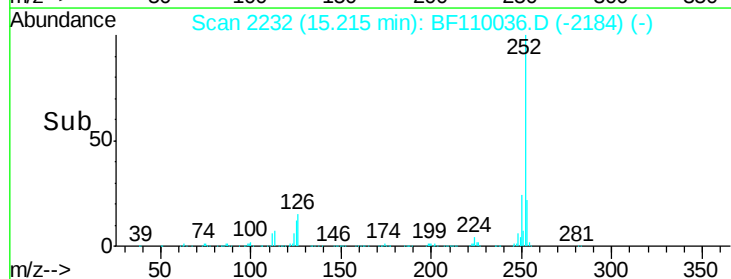
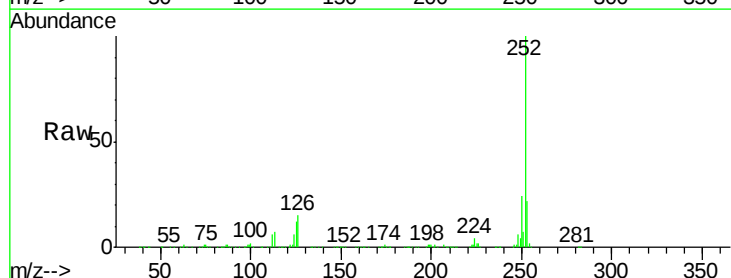
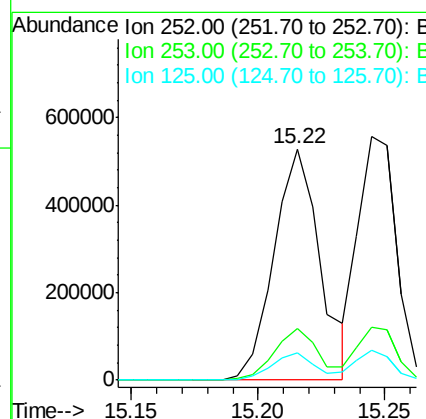
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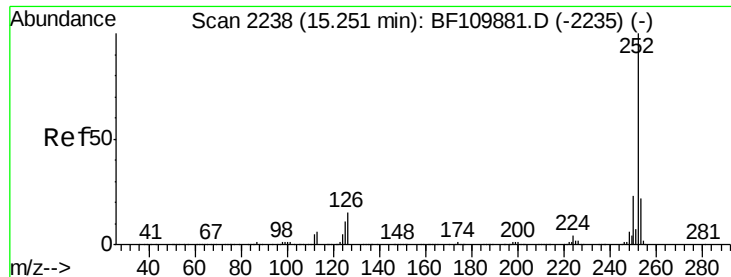
Sohil
10/22/2018 2:55:57 PM



#88
Benzo(b)fluoranthene
Concen: 39.741 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	665484		
253	22.3	17.2	25.8	
125	11.8	8.2	12.4	





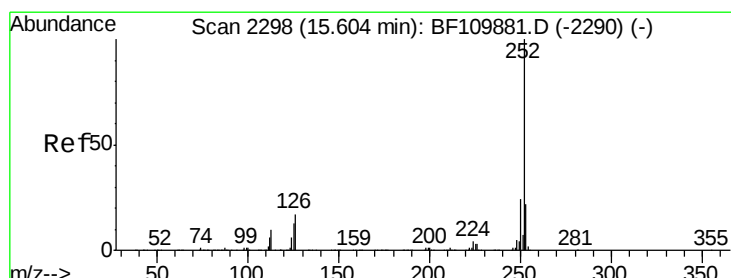
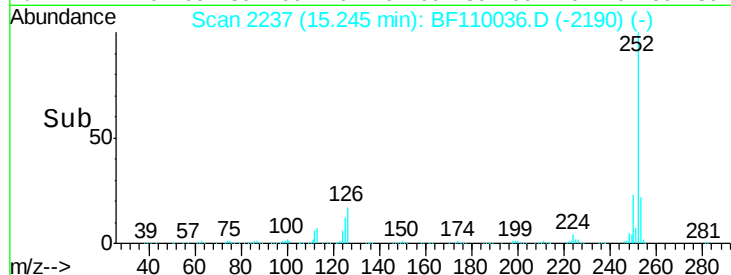
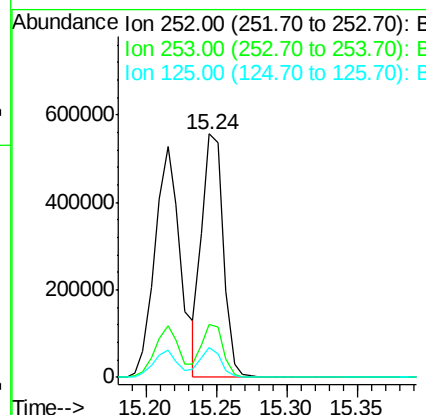
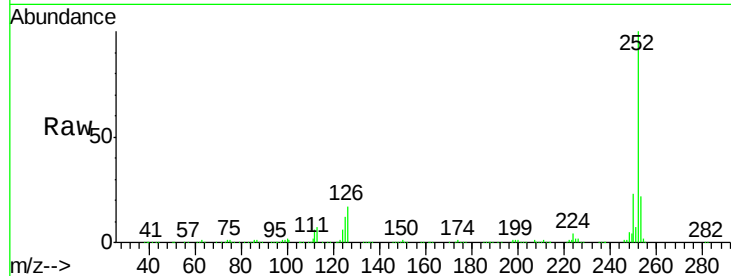
#89
Benzo(k)fluoranthene
Concen: 35.610 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	12.2	7.4	11.0

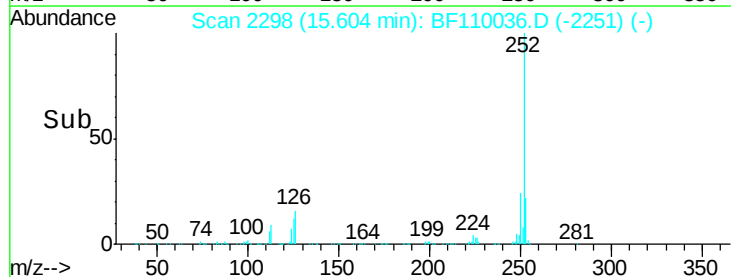
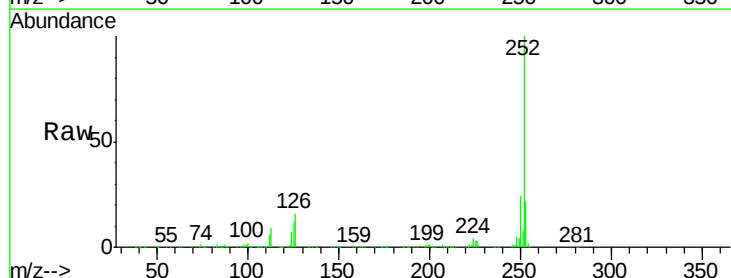
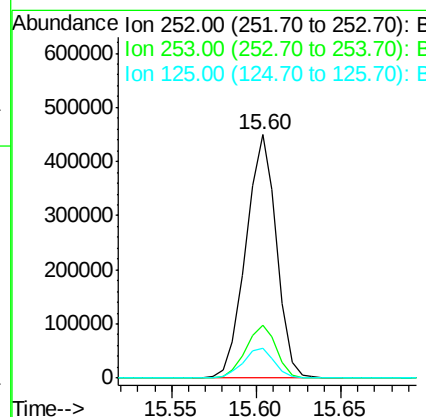
Manual Integrations
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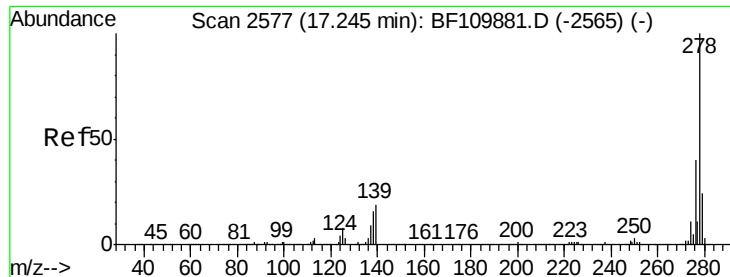
Sohil
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#90
Benzo(a)pyrene
Concen: 36.810 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	12.4	9.0	13.6





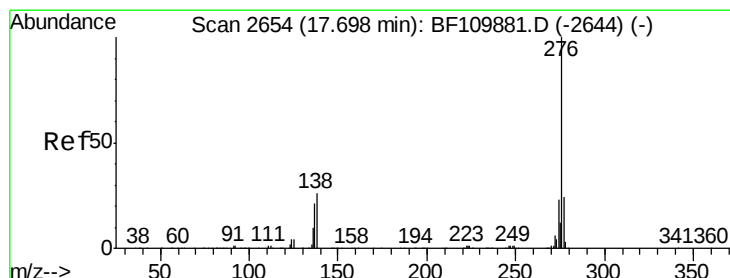
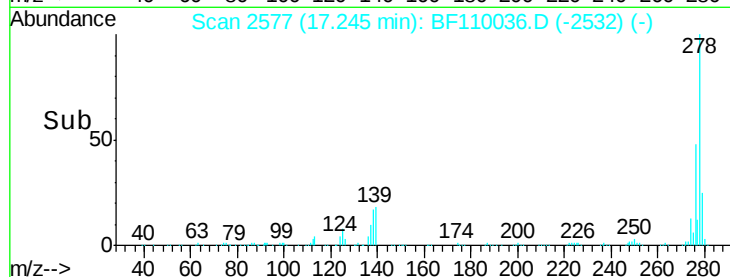
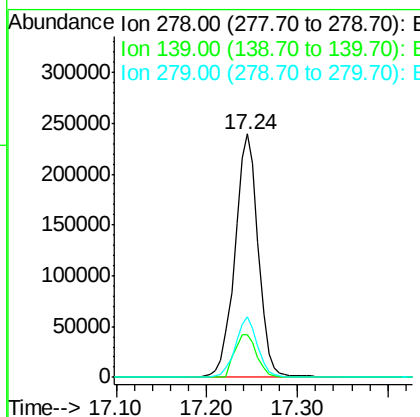
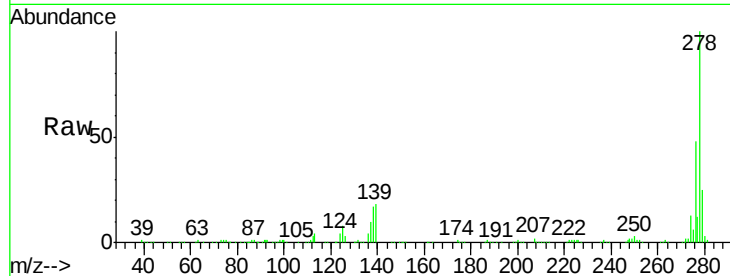
#91
Dibenzo(a,h)anthracene
Concen: 31.524 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.04 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Instrument :
BNA_F
ClientSampleId :
PB113996BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	12.7	19.1
279	24.7	19.0	28.4

Manual Integrations
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10/22/2018 2:55:57 PM



#92
Benzo(g,h,i)perylene
Concen: 29.830 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.04 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	23.3	16.0	24.0

